

SEQUENCE LISTING

<110> Bangur, Chaitanya
 Fanger, Gary
 Wang, Aijun
 Wang, Tongtong
 Switzer, Anne
 McNeill, Patricia
 Clapper, Jonathan

<120> COMPOSITIONS AND METHODS FOR THE THERAPY AND
 DIAGNOSIS OF LUNG CANCER

<130> 210121.478C16

<140> US

<141> 2001-05-03

<160> 1926

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<212> DNA

<213> Homo sapien

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<213> Homo sapien

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<212> DNA

<213> Homo sapien

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<210> 11

<211> 472

<212> DNA

<213> Homo sapien

<400> 11

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<212> DNA

<213> Homo sapien

<400> 12

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tcattggtct	gggaaggcat	gctgaraccc	gttttttgcaa	gtcctgagga	atggaaraat	300
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<210> 13

<211> 493

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(493)

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<211> 540

<212> DNA

<213> Homo sapien

<400> 14

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tttcatcact	gatccttgca	ttactgatag	acaaagtgtg	gttttctgag	aggttcaatc	420
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<210> 15

<211> 421

<212> DNA

<213> Homo sapien

<400> 15

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<210> 16

<211> 236

<212> DNA

<213> Homo sapien

<400> 16

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<211> 424

<212> DNA

<213> Homo sapien

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<210> 18
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 <212> DNA
 <213> Homo sapien

<400> 18
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 cacaagagac ttaaaggaca ggaggaggag atgg 154

<210> 19
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 <212> DNA
 <213> Homo sapien

<400> 19
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<210> 20
 <211> 211
 <212> DNA
 <213> Homo sapien

<400> 20
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<210> 21
 <211> 396
 <212> DNA
 <213> Homo sapien

<400> 21
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agctcagaag	gctaaatgaa	tattatccct	aatacctgcc	accccactct	taatcagtgg	360
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<210> 22

<211> 277

<212> DNA

<213> Homo sapien

<400> 22

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<211> 634

<212> DNA

<213> Homo sapien

<400> 23

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tttctaggt	tgaaggctca	attgatacgt	ttgacttatg	atgaccattt	atgcactttc	600
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<210> 24

<211> 512

<212> DNA

<213> Homo sapien

<400> 24

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<210> 25

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<211> 461
 <212> DNA
 <213> Homo sapien

<400> 25

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 <212> DNA
 <213> Homo sapien

<400> 26

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aagaaccctg	gacagattct	tggtgttggt	gacaaagagg	aaaggacctg	agaatggggc	300
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<210> 27
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 <212> DNA
 <213> Homo sapien

<400> 27

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ttcttccatt	attttttcct	cctaccactg	agttttgtaa	tgaattcctt	gtgtatacaa	180
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ttcttgga						250

<210> 28
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<400> 28

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0984966-050301

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<400> 30
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<210> 31
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<400> 31
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 tcgtcagcaa gttgtggccc actttctttg agagaccctt tgtgaggaaa gcctttgaga 180
 agaccctcaa ggacctgaag ctgagctatc tggacgtcta tcttattcac tgg 233

<210> 32
 <211> 233
 <212> DNA
 <213> Homo sapien

<400> 32
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 ctgtgtgtac tctgtccagt tcctttagaa aaaatggatg cccagaggac tcccaacctt 120
 ggcttggggc caagaaacag ccagcaagag ttaggggctt tagggcactg ggctgttgtt 180
 ccattgaagc cgactctggc cctggccctt acttgcttct ctactctctt agg 233

<210> 33
 <211> 319
 <212> DNA
 <213> Homo sapien

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<400> 33
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 catgatggct tcaggattcc aaagagagtg agagtagaag ctgaaagact tcttgagttc 180
 ttggcctgga actgggacta ggacagtgtc acttctgcta agttcttttg gtcagagcaa 240
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 aaccacaaag agcttgtgg 319

<210> 34
 <211> 340
 <212> DNA
 <213> Homo sapien

<400> 34
 tacagattta attcatgtta ttaactccct gccttttacc tcctccctcc tcccttggca 60
 caactgccag atggatgtgg ctggaagtca gaggacattc tcgtgggttc gtgggcctag 120
 ggtacaaatg acctcagcgt gacagcaaac aggacagaga agaccaggct cttactcagg 180
 aatccaccag ccaggagaat gacaatgttg aacaccggaa ccctgatgat atctgtcaca 240
 tttgtaagg tgaatttcaga gtcaggagtg gagacatcgg cagttgactt gggaggagct 300
 tgggtcacag ttctggggct ggtatagagt gggcacaagg 340

<210> 35
 <211> 170
 <212> DNA
 <213> Homo sapien

<400> 35
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 ggcaggagaa tccacggatg taatgttttc acctttttcc ctgaggggtgc tttctgagga 120
 accagycctt aagaggtggg gtcttgatt cctgacccag gcgtccggca 170

<210> 36
 <211> 475
 <212> DNA
 <213> Homo sapien

<400> 36
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 ttgatctccc acacaaaaag agaaaataat atttatatgg aagtaatttt attttagtgt 180
 ttgtgattta ttgtggagag cagggtgttta aaaatttttag aatttcttta acaaaattct 240
 aaagagaaaa taaaaaagaa atcacagtat ttacagagat aacagaatgg cttagccatg 300
 caaaacaaat aactttgggt tttccccttt tactttgggt taaatgttga ccaagattca 360
 attttttttc ctgccaaata aaacttcaat aaaagtttag aggcaaaata acgtattttc 420
 tttttttccc ataataattt atacagcatc gagtctaaga atattttatg cattt 475

<210> 37
 <211> 246
 <212> DNA
 <213> Homo sapien

<400> 37
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ccaggcagcc aggggctagg acctcatgga tcagcagcaa gtccagcagg ttgtagtcag 120
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 tctcaaaagg cttcagttgc ccgggcagtg ccttcacata gtcatccttg cccacctcat 240
 agttgg 246

<210> 38
 <211> 512
 <212> DNA
 <213> Homo sapien

<400> 38

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 aagaaaaaag tgactttcaa ctcttcttcc atcattttta tcatcaccag tgatgaatca 120
 ctgtcagttg acgacagcga caaaaccaat ggggccaaag ttgatgtaat ccaagttcgt 180
 cctttgtagg aatgaagaat ggcaacgaaa gatggggcct taaattggat gccacttttg 240
 gactttcatc ataagaagtg tctggaatac ccgttctatg taatatcaac agaaccttgt 300
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 aaacaaattc ttttaattca acgggtgctt tacataatga aaaaaccact tgtggcacac 420
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<210> 39
 <211> 370
 <212> DNA
 <213> Homo sapien

<400> 39

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 tgccctycca tctccctaac cccccctcac agggatgcct cctcccaagg ctccagaaac 180
 tctgaccctc gactgctgg agggagccca tgaattgctg gtcaatatcg ctcatcctct 240
 akactccatc ctgctgtgtc ttcttcctac aagagctaga gaggcactga ctgataaata 300
 cctgtcacct gcccttttcc cagaggggtga aactccaccc actcccactg cagaaatgaa 360
 tcttaaatgg 370

<210> 40
 <211> 204
 <212> DNA
 <213> Homo sapien

<400> 40

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 gaagaattca gggctctggc caatctgccg gtcttctctga aatatcgaaa atacaccagg 180
 gctgctatat cagagccacc ctgg 204

<210> 41
 <211> 447
 <212> DNA
 <213> Homo sapien

<400> 41

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 tcaagcaagc acttgacaag attccacagg ccatagagat tttcttctga gaagaatttg 120

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tgtttaat tttgatacca aactgaaca ttcatacagg aactttcctg aagttcagct 180
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 ttgaccacac ttacctgcaa gaggagtaac cagaggacac acttccttcc ttctttgggtg 300
 tctgaggagt gtgaactgtt ggggtcagtt aagaccaaac ataactctat cagaagaaaa 360
 ctgttgtttg cctttcaacc ttgttttaca gttctgcagt gtagtggagg acgggcaacg 420
 tgcattgtgca ggctcaccac tcccagg 447

<210> 42
 <211> 498
 <212> DNA
 <213> Homo sapien

<400> 42

ctggttttgt aaaaacagtc tctttattct actgtgctga aaccctcacc aatatagaaa 60
 attagattct cattgcactg aactatattt atatgcctaa gtatgtagaa gtaaaattat 120
 ataccccaaa aggattttat cttgttgat atattaaatg ttatttctgc atataggggc 180
 ttttatggag aaactgatga tgataagctt aatactcact tgttttagcag catctgaatg 240
 cacaaatgct ttatatatct cttctgcttt acagggcaaa agatcagact ctgttttctt 300
 atagtcttca caagccagcc agaactcaat attctcctca ctgaattcag actttaggaa 360
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 ttgcattact tcagcagcag aaagtacatc cttggacttg gaagatttca ttccagattc 480
 cagatgtggg atcataga 498

<210> 43
 <211> 312
 <212> DNA
 <213> Homo sapien

<400> 43

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 gtgaagaaaa caagacacca aaggcaccac agaaagccaa acaagcattc cagagcctgc 180
 cagcaatttc tcaaacaatg tcagctaaga agctttgctc tgccctttgta ggagctctga 240
 gcgccactc ttccaattaa acattctcag ccaagaagac agtgagcaca cctaccagac 300
 actcttcttc tc 312

<210> 44
 <211> 417
 <212> DNA
 <213> Homo sapien

<400> 44

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 ttttccgtaa attacttatt ctataaaatt ggagtaggcc ataaactttg gagggcccta 180
 gaccaatttt ttggattatt tttcgtcttc tatcattccg ctgatcttag atattctctg 240
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 gatttttctt ccaaattctg caatagaaga tcacaatgtg aactctgcat ctccatgtta 360
 aagtctaattg gacattcaca cttagcatgt ctcaaagaaa tctcatgtaa accatgg 417

<210> 45
 <211> 494
 <212> DNA
 <213> Homo sapien

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<400> 45

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tggtgcatgt	acacgtgtgt	gtgtgtatgc	gtgtaggagc	tcacacttgt	gtacacgttt	120
gtgtgcatgc	atgtgtgcag	gagottgcac	gtttgtggtg	ggtacatgta	catatgtgag	180
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aggtaacacg	catgcagcag	gcccactgtg	cgtgtctgag	acggctctgtg	gcagggactg	300
ggtgtgaatc	atgcagcagg	cccactgtgc	gtgtctgaga	cggctctgtg	cagggactgg	360
gtgtgaatca	gtgaccgtgt	ctctgaccaa	catgctgaat	tacaaattga	taatttatta	420
acctgtgcag	caacaaataa	gatttttcaa	aactcaacaa	agtgtctaaa	gttgacatta	480
cttgcttcaa	agtt					494

<210> 46

<211> 516

<212> DNA

<213> Homo sapien

<400> 46

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gtcatttgat	cattcaactc	tttgtcagtg	gcaactcccg	ctattttggt	gtgttggttt	180
gttactacac	agtgagcaca	aacatgggtg	tccaatacag	aggtctctcc	tgtcagggtg	240
caaccagaaa	gttcatctaa	cactgtgata	tttgcacctc	tcttgaacag	ttgttggtctg	300
aagattcatt	tgatgaatcg	atttttcaaa	agagatgatt	cttggttctt	ccgagcgctc	360
agctctcccg	ccgagcttct	ttgagacgtc	ctcagggtgtc	ctttgacgat	gcgtcctcca	420
ctttcacaca	ctctagcatt	ccttcaactg	ggtcttcatt	gccccacatt	gggcagccag	480
gaatgttggg	gtgatcagac	acaacaccag	gtcatg			516

<210> 47

<211> 459

<212> DNA

<213> Homo sapien

<400> 47

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tatagcattg	ggcacactcc	agcagacgcc	cgaattcaaa	tcctggaagg	atggaagaaa	120
cgcttgagga	atattttgga	tgagacacca	ctgtattttg	ctccaagcag	cctctttgac	180
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aaagctagaa	aatgagattc	cttagcctgg	atttccttct	aacatgttat	caaatctggg	360
tatctttcca	ggcttccctg	acttgcttta	gtttttaaga	tttgtgtttt	tctttttcca	420
caaggaataa	atgagaggga	atcgaksaaa	aaaaaaaaa			459

<210> 48

<211> 430

<212> DNA

<213> Homo sapien

<400> 48

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agccttctga	actgagtga	aatacagcca	agatcttggc	aaagcttctc	cctcagtatt	180
tagaccagga	tctctatatt	gttattaatg	gtgggtttga	ggaaaccacg	gagctcctga	240
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aagctgctgc caagcatctg acccctgtga ctcttgaact gggagggaaa agtccatgtt 360
 atattgataa agattgtgac ctggacattg tttgcagacg cataacctgg ggaaaataca 420
 tgaattgtgg 430

<210> 49
 <211> 288
 <212> DNA
 <213> Homo sapien

<400> 49
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 agctttggwg caattcccat cgaccagagt tgggccgacc agccttggaa aggtcactga 120
 aaaatcttca attggattat gttgacctct accttattca ttttccagtg tctgtaaagc 180
 caggtgagga agtgatccca aaagatgaaa atggaaaaat actatttgac acagtggatc 240
 tctgtgccac gtgggaggcc rtggagaagt gtaaagatgc aggattgg 288

<210> 50
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 50
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 accagtgggtg atggaaagca ctgtcttctt actccggaag ggtcctttgt catacatggc 120
 agcgtaagtg taagcaaact ctctatgaa cactcgctca aaccagcctt tcagaatggc 180
 agggactcca aaccactgca ggggggaactg gaatatcaca aggtctgcgg cttccagctt 240
 cttttgttca gccacaatat ctgggctcag atggccttct ttataagcca gaacagactc 300
 ggaggatac tgaaagttcg cagggtcctt cagtttacct gtgatgtcct ttctggaaat 360
 gatgggattg aagttcatgg catagaggtc cgactccacc acctcccatc c 411

<210> 51
 <211> 503
 <212> DNA
 <213> Homo sapien

<400> 51
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 tcagttgtaa ataataaatt aggggccaaa atgcaaaacg aaaaatgaag cagctacatg 180
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 atattgtact tttttcatta ttgatggttt ggactttaat aagagaaatt ccatagtttt 300
 taatatccca gaagtgaac aatttgaaca gtgtattcta gaaaacaata cactaactga 360
 acagaagtga atgcttatat atattatgat agccttaaac ctttttcttc taatgcctta 420
 actgtcaaat aattataacc ttttaaagca taggactata gtcagcatgc tagactgaga 480
 ggtaaacact gatgcaatta aga 503

<210> 52
 <211> 503
 <212> DNA
 <213> Homo sapien

<400> 52
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 ttgtgcaccc tccacaaaac atacaaagtt taaaagtttg gatctttttc tcagcaggta 120

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tcagttgtaa	ataatgaatt	agggggccaaa	atgcaaaacg	aaaaatgaag	cagctacatg	180
tagttagtaa	tttctagttt	gaactgtaat	tgaatattgt	ggcttcatat	gtattatgtt	240
atattgtact	tttttcatta	ttgatggttt	ggactttaat	aagagaaatt	ccatagtttt	300
taatatccca	gaagtgaag	aatttgaaca	gtgtattcta	gaaaacaata	cactaactga	360
acagaagtga	atgcttatat	atattatgat	agccttaaac	ctttttcctc	taatgcctta	420
actgtcaaat	aattataacc	ttttaagca	taggactata	gtcagcatgc	tagactgaga	480
ggtaaact	gatgcaatta	aga				503

<210> 53
 <211> 531
 <212> DNA
 <213> Homo sapien

<400> 53						
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gaatagtaca	tgggaaattc	tctttaggcc	aggtctagta	ttacagkgtg	gkgctcaagg	120
ccgcccata	gaacagtgat	actctcccaa	cagatttcat	ccaccccgtc	tccactaact	180
tttgccataa	aaattcctct	gaattgtatc	ttcttggaag	aagtaaata	ctgttcgact	240
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aacaaagact	gacgtttaaa	ggggagtcac	gcagagtaac	atgggaacac	aagcctgaca	480
acctggtcag	cttccactta	ctctagctcc	tttgaactct	caacactaaa	a	531

<210> 54
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 54						
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acaaccgaga	caaacccttg	atgctccttg	ctcgccgttg	aggctgtggg	gaagatgcct	300
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gggcatccat	ttagcttcag	gttgtcttgt	ttctgtatat	agtgcacatg	cattctgctg	420
ccatcttagc	tgtggacaaa	gggggggtcag				450

<210> 55
 <211> 648
 <212> DNA
 <213> Homo sapien

<400> 55						
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caagtcaaaa	gacattgttc	tggttgccta	tagtgctctg	ggatcccacc	gagaagaacc	180
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aaagcacaag	cgaacccag	ccctgattgc	cctgcgctac	cagctrcagc	gtggggttgt	300
ggtcctggcc	aagagctaca	atgagcagcg	catcagacag	aacgtgcagg	tgtttgaatt	360
ccagttgact	tcagaggaga	tgaagccat	agatggccta	aacagaaatg	tgcgatattt	420
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tctatgctgg tgactggaca catcgctct ggtaaactct ctctgcttg gygayttcag 600
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<210> 56
<211> 536
<212> DNA
<213> Homo sapien

<400> 56
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gaacctcctg tacttaaaaca cgattcgcaa cgttctgtta ttttttttgt atgttttagaa 180
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tggcctccct ataaatgtgg tagcttcttt tattactcag tggacctgcc cgggcccgcg 360
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gcttgcccg aatcatggtc atagctgttt cctgtgtgaa attgttatcc gtcacaatt 480
ccacacaaca tacgagccgg aagcataaa tgtaaagcct ggggtgccta atgagt 536

<210> 57
<211> 391
<212> DNA
<213> Homo sapien

<400> 57
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aatttgaaga ccagatcatg ggtggtctgc atgtgaatga acaggaatga gccggacagc 180
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tctccatcta ccaccatcca ccagtctatt tatttgtcta gttggatttc atttcttctg 300
gaaaatttat tgtttatttg catgtgaccc ttgactgatg gcttcattag cattytgttt 360
ttcttttttg atccttaata gaaaactcaa t 391

<210> 58
<211> 455
<212> DNA
<213> Homo sapien

<400> 58
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catctagaaa gaagcgctta agatgtggca gccctcttct ttcaagtggc tcttgtcctg 180
ttgccctggg agttctcaaa ttgctgcagc agcctccacc cagcctgagg atgacatcaa 240
tacacagagg aagaagagtc aggaaaagat gagagaagtt acagactctc ctgggcgacc 300
ccgagagcct accattcctc agacttcttc acatgggtgt aacagatttg ttcctaaaag 360
taaagctcta gaggccgtca aattggcaat agaagccggg ttccaccata ttgattctgc 420
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<210> 59
<211> 398
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature
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 <223> n = A,T,C or G

<400> 59

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aatagatcgc	ggattcaggt	gtggctctat	gagcaagtga	atatgcggat	agaaggctgt	180
atcattgggt	ttgatgagta	tatgaacctt	gtattagatg	atgcagaaga	gattcattct	240
aaaacaaagt	caagaaaaca	actngntcgg	atcatgctaa	aaggagataa	tattactctg	300
ctacaaagtg	tctccaacta	gaaatgatca	atgaagttag	aaattgttga	gaaggatata	360
gtttgttttt	agatgtcctt	tgtccaatgt	gaacattt			398

<210> 60
 <211> 532
 <212> DNA
 <213> Homo sapien

<400> 60

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tcataaggact	cagttccctt	ctgaacactc	gggggacatg	ggcctctaac	tgcccactct	120
gatatgcctg	ggtagagcta	ggaggggaag	ctctgatttg	gatttctcca	gtcaaagctc	180
acagaaaaaa	acctggcact	ttgattttca	tgggatgggtc	ctaacagggg	cagtcacctc	240
cgagcagttt	gggaacccag	tttcttgtcc	tgggccctca	ggtcagcctg	gctgaattag	300
gacccttctt	tggcacaggg	gtgagaaaaga	gcttggggaa	cgcttggcat	tatggagggc	360
tggaaggggc	tcaaccccg	tttggagaga	agtttgggat	ggagtgggag	agagattgag	420
agagcgagca	ggaaaagagg	tcttggagcc	tgggactgat	ggtggataag	gcctggaaaag	480
aasatgacsa	ggaggaggag	agaggggaagt	gggtggatga	ggagcaggct	ga	532

<210> 61
 <211> 466
 <212> DNA
 <213> Homo sapien

<400> 61

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cggggaccgc	ctccgcgcgc	gccaccatgc	ccaacttctc	tggcaactgg	aaaatcatcc	120
gatcggaaaa	cttcgaggaa	ttgctcaaag	tgctgggggt	gaatgtgatg	ctgaggaaga	180
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ttgaggagca	gactgtggat	gggaggccct	gtaagagcct	ggtgaaatgg	gagagtgaga	360
ataaaatggt	ctgtgagcag	aagctcctga	aggagagagg	ccccaagacc	tcgtggacca	420
gagaactgac	caacgatggg	gaactgatcc	tgaccatgac	ggcgga		466

<210> 62
 <211> 548
 <212> DNA
 <213> Homo sapien

<400> 62

ttttgaattt	acaccaagaa	cttctcaata	aaagaaaatc	atgaatgctc	cacaattttca	60
acataaccaca	agagaagtta	atttcttaac	attgtgttct	atgattattt	gtaagacctt	120
caccaagttc	tgatattctt	taaagacata	gttcaaaaatt	gcttttgaaa	atctgtattc	180
ttgaaaatat	ccttgtttgt	tattaggttt	ttaaatacca	gctaaaggat	tacctcactg	240

094965-050301

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agtcacacagt accctcctat tcagctcccc aagatgatgt gtttttgctt accctaagag 300
aggtttttctt cttattttta gataattcaa gtgcttagat aaattatgtt ttctttaagt 360
gtttatggta aactctttta aagaaaattt aatatgttat agctgaatct ttttggtaac 420
tttaaatctt tatcatagac tctgtacata tgttcaaatt agctgcttgc ctgatgtgtg 480
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aagatttc 548

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<210> 63
<211> 547
<212> DNA
<213> Homo sapien

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<400> 63
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atcttgacgc atttttctta aggctatgct tcagtttttc tttgtaagcc atcacaagcc 180
atagtggtag gtttgccctt tggtagagaa ggtgagttta agctgggtgga aaaggcttat 240
tgcatgtcat tcagagtaac ctgtgtgcat actctagaag agtagggaaa ataagtcttg 300
ttacaattcg acctaatatg tgcattgtaa aataaatgcc atatttcaa caaaacacgt 360
aattttttta cagtatgttt tattaccttt tgatatctgt tgttgcaatg ttagtgatgt 420
tttaaaatgt gatcgaaaat ataatgcttc taagaaggaa cagtagtgga atgaatgtct 480
aaaagatctt tatgtgttta tgggtctgcag aaggattttt gtgatgaaag gggatttttt 540
gaaaaat 547

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<210> 64
<211> 528
<212> DNA
<213> Homo sapien

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<220>
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<222> (1)...(528)
<223> n = A,T,C or G

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<400> 64
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tgcactgggc gatgctgac argagccaac aggaaataac rcggagatct gkctcctgcc 180
cctagactac kgaccctgcc kggccctact tytcogytac tactacgaca ggyacacgca 240
gagctgccgc cwggttctgk rckggggctg crasggcaac rccaacwatt yctacacckg 300
kgaggmttrc gackatgctw gstggargat agaaaaagtt cccaaasttt gccggctgma 360
agtgaatgag gacnaccagg gtgaggggta cacagataag tatttcttta atctaakkwc 420
catgacatgw gaaaaattct ttncgggtgg gngtcaccgg accggattga gaacangttt 480
gcagatgang ctactgggat gggctcctgc rcacnaaaga aantatca 528

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<210> 65
<211> 547
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

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094964860

<400> 65

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gaatcaaagt	tgtcaagcac	ccaatatattg	aaaggagagg	agatgatttg	tacacaaatg	180
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gtcacaaggt	acatatattcc	cgggataaga	tcaccaggcc	aggagcgaag	ctatggaaga	300
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tactgaaaca	agggtcagtg	cagaagggtat	acaatggact	gcaaggatat	tgagagtgaa	480
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ttttgtg						547

<210> 66

<211> 535

<212> DNA

<213> Homo sapien

<400> 66

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aaagggaagcc	ggacgtgggc	gggcagagag	cttcatcgca	gtaggaatgg	cagccccatc	180
tatgaaggaa	agacaggtct	gctggggggc	ccgggatgag	tactggaagt	gtttagatga	240
gaacttagag	gatgcttctc	aatgcaagaa	gttaagaagc	tctttcgaat	caagttgtcc	300
ccaacagtgg	ataaaatatt	ttgataaaaag	aagagactac	ttaaaattca	aagaaaaatt	360
tgaagcagga	caatttgagc	cttcagaaac	aactgcaaaa	tcctaggctg	ttcataaaga	420
ttgaaagtat	tctttctgga	cattgaaaaa	gctccactga	ctatggaaca	gtaatagttt	480
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<210> 67

<211> 527

<212> DNA

<213> Homo sapien

<400> 67

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tccaaatctg	cattgccggt	gagatcctca	acatcagcat	gttgagatgg	acctcaacct	180
cacctctaac	cctgaaacac	actactcgat	attatcttag	gtatgtttta	gggttttagtt	240
tgtaaaataa	taattttattt	ttgaaggaaa	tataaaatat	taaagagtaa	taatagctat	300
cattttttta	gattcaatct	aaaacaatgg	actctttttt	tttccatttg	tgatgtagat	360
aagcaagaca	attttgatca	tgagtgggtga	aaagaggatc	aaacttgact	attcttgcaa	420
tggcagtgca	gcaacaagcc	tttcattttac	attaaattat	aacttttcat	tcatttcctaa	480
accaaactta	aaattctgct	ttccttttgag	tagaagggtat	ttaactt		527

<210> 68

<211> 431

<212> DNA

<213> Homo sapien

<400> 68

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aaaataaaaa	gcgggaattt	tcccttcgct	tgaatattat	ccctgtatat	tgcatgaatg	120
agagattttcc	catattttcca	tcagagtaat	aaatataactt	gctttaattc	ttaagcataa	180

gtaaacaatga	tataaaaaata	tatgctgaat	tacttgtgaa	gaatgcattt	aaagctattt	240
taaatgtgtt	tttatttgta	agacattact	tattaagaaa	ttggttatta	tgcttactgt	300
tctaattctgg	tggtaaagg	attcttaaga	atttgcaggt	actacagatt	ttcaaaactg	360
aatgagagaa	aattgtataa	ccatcctgct	gwtcccttag	tgcaatacaa	taaaactctg	420
aaattaaaac	t					431

<210> 69
 <211> 399
 <212> DNA
 <213> Homo sapien

<400> 69						
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agagccccc	aaagaagaac	cagcagctga	aagtccggat	cctacacctg	ggcagcagac	120
agaagaagat	caggatacag	ctgagatccc	agtgcgcgac	atggaagggt	atctgcaaga	180
gctgcatcag	tcaaacaccg	gggataaatc	tggttttggg	ttccggcgct	aagggtgaaga	240
taatacctaa	agaggaacac	tgtaaaatgc	cagaagcagg	tgaagagcaa	ccacaagttt	300
aatgaagac	aagctgaaac	aacgcaagct	ggttttatat	tagatatttg	acttaacta	360
tctcaataaa	gttttgcagc	tttcaccaar	aaaaaaaa			399

<210> 70
 <211> 479
 <212> DNA
 <213> Homo sapien

<400> 70						
cgcgccggag	ctgtgagccg	gcgactcggg	tccctgaggt	ctggattctt	tctccgctac	60
tgagacacgg	cggacacaca	caaacacaga	accacacagc	cagtcccagg	agcccagtaa	120
tggagagccc	caaaaagaag	aaccagcagc	tgaaagtccg	gacccacac	ctgggcagca	180
gacagaagaa	gatcaggata	cagctgagat	cccagggtgt	gggaagggaa	atgcgcgaca	240
tggaagggtga	tctgcaagag	ctgcatcagt	caaacaccgg	ggataaatct	ggatttgggt	300
tccggcgctca	aggtgaagat	aatacctaaa	gaggaacact	gtaaaatgcc	agaagcaggt	360
gaagagcaac	cacaagttaa	aatgaagaca	agctgaaaca	acgcaagctg	gttttatatt	420
aggatatttg	acttaacta	tctcaataaa	gttttgcagc	tttcaccaa	aaaaaaaa	479

<210> 71
 <211> 437
 <212> DNA
 <213> Homo sapien

<400> 71						
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agaactctca	caaaggacc	agacacagt	rgcaccatgg	gacagtgtcg	gtcagccaac	120
gcagaggatg	ctcaggaatt	cagtgatgtg	gagagggcc	ttgagaccct	catcaagaac	180
tttcaccagt	actcctgga	gggtgggaag	gagacgctga	ccccttctga	gctacgggac	240
ctggtcaccc	agcagctgcc	ccatctcatg	ccgagcaact	gtggcctgga	agagaaaatt	300
gccaacctgg	gcagctgcaa	tgactctaaa	ctggagttca	ggagtttctg	ggagctgatt	360
ggagaagcgg	ccaagagtgt	gaagctggag	aggcctgtcc	gggggcactg	agaactccct	420
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<210> 72
 <211> 561
 <212> DNA
 <213> Homo sapien

05036-05036

<400> 72

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tttattgcct	tcagatcctc	tacaaagaaa	agtgtgcagt	acgacgatgt	accagaatac	180
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gatgaaaaga	gattttgtgtg	catgctagta	actgaggaca	acgtgtttga	ggcacctaca	300
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gaaacagagc	agctaaaaaa	gttgggtgac	tgcatttcag	aagacagtta	tccagatggc	420
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atttttaaaa	aggaaatgga	cccagtgact	cagctctata	ccatgacttc	caccctggag	540
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<210> 73

<211> 916

<212> DNA

<213> Homo sapien

<400> 73

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gacatggccc	agtcgaaggc	ccaggatggc	ttttgctgcg	gccccgtggg	gtaggagggg	180
cagagagaca	gggagagtca	gcctccacat	tcagaggcat	cacaagtaat	ggcacaattc	240
ttcggatgac	tgcagaaaat	agtgttttgt	agttcaacaa	ctcaagacga	agcttatttc	300
tgaggataag	ctcttttaaag	gcaaagcttt	attttcatct	ctcatctttt	gtcctcctta	360
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cccattccagg	acactgggag	cacatagaga	ttcacccatg	tttgttgaac	ttagagtcac	480
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tagagatgct	atatgataca	actgtggcca	tgactgagga	aaggagctca	cgcccagaga	660
ctgggctgct	ctcccggagg	ccaaacccaa	gaaggtctgg	caaagtcagg	ctcagggaga	720
ctctgccctg	ctgcagacct	cgggtgtggac	acacgctgca	tagagctctc	cttgaaaaca	780
gaggggtctc	aagacattct	gcctacctat	tagcttttct	ttattttttt	aacttttttg	840
ggggaaaagt	atttttgaga	agtttgtctt	gcaatgtatt	tataaatagt	aaataaagtt	900
tttaccatta	aaaaaa					916

<210> 74

<211> 547

<212> DNA

<213> Homo sapien

<400> 74

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ttttcttcag	taaacccaac	aatagtctaa	ccttaaaaaat	tgagttgatg	tccttatagg	180
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aacatagctg	tgctattgca	catctgttgg	aggacatccc	agatttgctt	atactcagtg	420
cctgtgatat	tgagtttaag	gatttgaggc	aggggtaatt	attaaacata	ttgcttctat	480
tcttggaaaa	atagaagkgt	aaaatgttaa	taatacaaat	gtcactgtga	cctcctccac	540
tgagagg						547

<210> 75

09849626-050701

<211> 793
 <212> DNA
 <213> Homo sapien

<400> 75
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 tgaccttaga aaattgtgag agccaagttg acttcaggaa ctgaaacatc agcacaaga 180
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 aaaatataac accttacacc ctttttcac c ttgacattaa aagttctggc taactttgga 360
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 gcaagccatt atctctccat ggggaagctaa gttataaaaa taggtgcttg gtgtacaaaa 540
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 tattttttac aactaatttt gtactctcag aatgtttgtc atatgcttct tgcaatgcat 660
 attttttaac ctcaaagctt tcaataaaaac catttttcag atataaagag aattacttca 720
 rattgagtaa ttcagaaaaa ctcaagattt aagttaaaaa gtggtttgga cttgggaaca 780
 ggactttata cct 793

<210> 76
 <211> 461
 <212> DNA
 <213> Homo sapien

<400> 76
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 ggatgggatt ctaaggacat cagtgggagg cagggagcca ccttcagacc tcagcatgga 180
 agcttccaag atccagagga agaggcaaca gcaactgagag tcataggtag aagaatcatc 240
 acagccctgc taaccaggca gctgatgccc ctctcccctg gctcccctgtg tccaaatcct 300
 acaggggcat ctgttggttg aactcaacct gaagccaaaag agaagatgag tggagagagg 360
 caacatttat agagctcagg tttctagggc tggagaggga tctggaggga cacacaggag 420
 acacctggca taaccaaaaa atgattaaaa aaaaaaaaaa a 461

<210> 77
 <211> 642
 <212> DNA
 <213> Homo sapien

<400> 77
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 tttggtgtgg acgttggccc tgtttgcttt ttataaacca aactctatct gaaatcccaa 180
 caaaaaaaaa ttaactccat atgtgttcct cttgttctaa tcttgtcaac cagtgaagt 240
 gaccgacaaa attccagtta tttatttcca aaatgttttg aaacagtata atttgacaaa 300
 gaaaaatgat acttctcttt ttttgctgtt ccaccaaaata caattcaaata gctttttgtt 360
 ttattttttt accaattcca atttcaaaat gtctcaatgg tgctataata aataaacttc 420
 aacactcttt atgataacaa aaaaaarawa wattctttga atcctagccc atctgcagag 480
 caatgactgt gctcaccagt aaaagataac ctttctttct gaaatagtc aatacgaaat 540
 tagaaaagcc ctccctattt taactacctc aactggctcag aaacacagat tgtattctat 600
 gagtcccaga agatgaaaaa aattttatac gttgataaaa ct 642

<210> 78

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<211> 519
 <212> DNA
 <213> Homo sapien

<400> 78

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gaaccggggc	ctgcggcgga	agcagcactc	cctgctgaag	cgcctgcgca	aggccaagaa	180
ggaggcgccg	cccatggaga	agccggaagt	ggtgaagacg	cacctgcggg	acatgatcat	240
cctacccgag	atgggtgggca	gcctgggtggg	cgtctacaac	ggcaagacct	tcaaccaggt	300
ggagatcaag	cccagatga	tgggccacta	cctgggcgag	ttctccatca	cctacaagcc	360
cgtaaagcat	ggccggccccg	gcctcggggc	caccactcc	tcccgttca	tcctctcaa	420
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gccaccgcgg	gggagctcca	ctttgttcc	ctttaatga			519

<210> 79
 <211> 526
 <212> DNA
 <213> Homo sapien

<400> 79

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cctgaatgtg	ttcctctagt	tctagaaaat	gaccactaat	ttaaaaaact	cggttgtgag	180
gtttgcccag	aggcacttgt	tccagaattt	cccctcctgc	ttcagccatg	tccttgtcac	240
ttggcattct	aagctaaagc	tttagcttcc	caattcgtga	tgtgctaggc	caagattcgg	300
gagctgttgc	cagcctcgtc	aaatatggaa	gagaaacaac	ctgcggtcaa	aagggagtga	360
tttggttaagt	ggtgcgcgtc	tatctcataa	ctagatgtac	caaccaggga	agggccaagg	420
atggaaaggg	gtaacttttg	tgcttccaaa	gtagctaagc	agaagtgggg	gagcagttta	480
gccagatgat	ctttgattag	gcaaacattg	agttttaaag	aggctg		526

<210> 80
 <211> 281
 <212> DNA
 <213> Homo sapien

<400> 80

gttatattag	tgggtagtgt	aacattttat	ccagggttggg	gtgaggggag	atggccacag	60
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cogtagcaat	gaaggataca	gtactgtgtt	gtgggtgagt	gttgctattg	cccagcatta	180
atatttgggg	gtgtatgttt	gaggctatga	aacacgcagg	agtgtttttg	tgctattaat	240
tttaagagaa	agcagctttt	tcttaaaatt	cactgttgag	a		281

<210> 81
 <211> 405
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 81

050301 050301 050301

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aggagtttga	statcgacat	gtcatgctgc	ccaaggacat	akccaasctg	gtccctaata	180
cccatctgat	gtctgaatct	gaatggagga	atcttggcng	ttcagmagan	tcagggatgg	240
gtccattata	tgatccatga	nccagaacct	cdcatcttgc	tgttccggcg	scctaattac	300
cccaanaaac	caamgaaatg	aaccttggct	actacttttc	aatcctcaaa	kcttttcaca	360
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<210> 82

<211> 547

<212> DNA

<213> Homo sapien

<400> 82

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gttaatcata	taataatgat	tcttaaatgc	tgtatggtt	attattttaa	tgggtaaagc	120
catttacata	atatagaaag	atatgcatat	atctagaagg	tatgtggcat	ttatttggat	180
aaaattctca	attcagagaa	atcatctgat	gtttctatag	tcactttgcc	agctcaaaag	240
aaaacaatac	cctatgtagt	tgtggaagtt	tatgctaata	ttgtgtaact	gatattaaac	300
ctaaatgttc	tgccctaccct	gttggtataa	agatattttg	agcagactgt	aaacaagaaa	360
aaaaaaatca	tgcattctta	gcaaaattgc	ctagtatgtt	aatttgctca	aaatacaatg	420
tttgatttta	tgcaactttgt	gcctattaac	atcctttttt	tcatgtagat	ttcaataatt	480
gagtaatttt	agaagcatta	ttttaggaat	atatagtkgt	cacagtaa	atcttgtttt	540
ttctatg						547

<210> 83

<211> 529

<212> DNA

<213> Homo sapien

<400> 83

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agccagttgc	tcatattgac	caatttactg	ctgacatgct	gggttctgct	gagtttagctg	180
aggaggtcaa	tttaaattgt	tctggcaaac	tgctcaagat	tacaggctgt	gccagccctg	240
gaaaaacagt	tacaattgtt	gttcgtggtt	ctaacaact	ggtgattgaa	gaagctgagc	300
gctccattca	tgatgcccta	tgtgttattc	gttgtttagt	gaagaagagg	gctcttattg	360
caggaggttg	tgctccagaa	atagagttgg	ccctacgatt	aactgaatat	tcacgaacac	420
tgagtgggat	ggaatcctac	tgcgttcgtg	cttttgcaga	tgctatggag	gtcattccat	480
ctacactagc	tgaaaatgcc	cggcctgaat	cccatttcta	cagtaacag		529

<210> 84

<211> 527

<212> DNA

<213> Homo sapien

<400> 84

cccatcacca	gaatcccttc	atgggagggga	tggtatgctg	ttgaaactca	ctgacctatt	60
ggactgacgc	tgggttggtg	tcttcatcag	agctatttga	agtcaccaa	aaggcttctg	120
acgaaagaac	aattttttaa	aagtcctctt	tttcaatcaa	gccaatgtcc	tattttattt	180
ctaaaagatt	tgggactcgt	gctgttatca	agtacaatga	aaatggcttt	ataaatagct	240
gttttgacat	tgtgatagaa	ggcttgaata	cggaggaaag	atgtcgctgg	agctagtctt	300
gagttccgac	tgtccctgtg	gtgggaatcc	agtcgtggaa	agcaggactg	tttttagcaa	360
cgtgtactcg	ttctataaaa	atggaatctg	ttctgcaggt	taccgtccct	ccccgcccaa	420

T0E050" 92964860

gcacccctc tgtcctgtct ctctgctgct gggacccagg gctttttcag ctgcagaacc 480
 cactggactt ccaggaatca aggaaaaagt ggaaatgtcc aactgtg 527

<210> 85
 <211> 401
 <212> DNA
 <213> Homo sapien

<400> 85
 cagtgtggtg gaattcccaa gatagaaatg aaaaactctt ttatagagtg ctgacatctg 60
 acattgagaa attcatgcct attgtttata ctcccactgt gggctctggct tgccaacaat 120
 atagtttggg gtttcggaag ccaagaggtc tctttattac tatccacgat cgagggcata 180
 ttgcttcagt tctcaatgca tggccagaag atgtcatcaa ggccattgtg gtgactgatg 240
 gagagcgtat tcttggcttg ggagaccttg gctgtaatgg aatgggcata cctgtgggta 300
 aattggctct atatacagct tgcggaggga tgaatcctca agaattgtctg cctgtcattc 360
 tggatgtggg aaccgaaaat gaggagtac ttaaagatcc a 401

<210> 86
 <211> 547
 <212> DNA
 <213> Homo sapien

<400> 86
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 tttttttcca ccattaaggc tttaagaaca tgtggaataa gtttttttagc tgctaattgac 120
 aaaacaaatc ctgtaactac ccagccagca agtatatagc acagaacact gtgttacttt 180
 acaagggctt atgtgactgg aataaggtgg tcccacttga ctgttccaaa gagcagcttc 240
 tcagatcttc agtggttact ggtaaaattc taacagtgtg tttgtgtaaa gtttgtcatt 300
 tcatactcca tacactacag ttgctgtcac tgatccctgt tttgctggct ttttaagctac 360
 ttggtcaaaa atcctgcttc cttaaaacat agagaattaa tgagcatctc aagctttttc 420
 ttttcctttt taatgatgcc tgcactatca agagtattct agtgttctct ctttgttttg 480
 catataatca tgcaccaaac tttttatttc ttttaaggtgg gagtatatatt ttttttcta 540
 aatgcc 547

<210> 87
 <211> 530
 <212> DNA
 <213> Homo sapien

<400> 87
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 tttggcacct atgcgcctgc agaggttcct aaaagtaaag ctctagaggc cgtcaaattg 120
 gcaatagaag ccgggttcca ccatattgat tctgcacatg tttacaataa tgaggagcag 180
 gttggactgg ccatccgaag caagattgca gatggcagtg tgaagagaga agacatattc 240
 tacacttcaa agctttggag caattcccat cgaccagagt tgggccgacc agccttggaa 300
 aggtcactga aaaatcttca attggactat gttgacctct atcttattca ttttccagtg 360
 tctgtaaaagc caggtgagga agtgatccca aaagatgaaa atggaaaaat actatttgac 420
 acagtggatc tctgtgccac rtgggaggcc atggagaagt gtaaagatgc aggattggcc 480
 aagtccatcg ggggtgtccaa cttcaaccac aggctgctgg agatgatcct 530

<210> 88
 <211> 529
 <212> DNA
 <213> Homo sapien

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<400> 88

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atcttttcta	taagtttaca	gcctttttct	tatatataca	gttattgcca	cctttgtgaa	180
catggcaagg	gactttttta	caatttttat	tttattttct	agtaccagcc	taggaattcg	240
gttagtactc	atttgtattc	actgtcactt	tttctcatgt	tctaattata	aatgaccaaa	300
atcaagattg	ctcaaaaagg	taaatgatag	ccacagtatt	gctccctaaa	atatgcataa	360
agtagaaatt	cactgccttc	ccctcctgtc	catgaccttg	ggcacaggga	agttctggtg	420
tcatagatat	cccgttttgt	gaggtagagc	tgtgcattaa	acttgcacat	gactggaacg	480
aagtatgagt	gcaactcaaa	tgtgttgaag	atactgcagt	catttttgt		529

<210> 89

<211> 547

<212> DNA

<213> Homo sapien

<400> 89

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cacacaaggt	tatgattttt	ttaattactg	gcttctgatt	tctttcactt	ctgatccttt	120
tcctttttct	cagatgtagc	tgagtcttga	tcattttaag	acaacgatgg	gtagaatttt	180
gagattaatg	ttaattttcc	ctttttgtta	atttcagtc	cctctcacta	tgcttttgtc	240
cagaaggatc	aagaattcta	ccatcccttg	ggtctttgtg	tataaacaat	gttaaataaa	300
ggtagactca	gtctttaaga	tattagacag	tttttttagt	ccatgggatt	gtaaatataa	360
acattaactt	tcctataaga	atattttggc	tttgtaatct	atagcctcaa	attgggtattt	420
attatggatt	cactagacaa	acagctgttt	ccttattgtc	ttttttcttt	agtgtttctg	480
atttgctatc	agtagctgtt	tttaaagcca	tccaaggaaa	ataattattt	acagtttttg	540
aagtcac						547

<210> 90

<211> 528

<212> DNA

<213> Homo sapien

<400> 90

gagcagcaga	agctgtacag	caagatgata	gtggggaacc	acaaggacag	gagccgctcc	60
tgagcctgcc	tccagctggc	tggggccacc	gtgcggggtg	ccaacgggct	cagagctgga	120
gttgccgccg	ccgccccac	tgctgtgtcc	tttccagact	ccagggtctc	ccgggctgct	180
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gcctaccctt	ggtggtctaa	acggatgctg	ctgggtgttg	cgaccagga	cgagatgcct	300
tgtttctttt	acaataagtt	gttgaggagaa	tgccattaaa	gtgaactccc	cacctttgca	360
cgctgtgcgg	gctgagtgg	tggggagatg	tggccatgg	cttgtgctag	agatggcggt	420
acaagagtct	gttatgcaag	cccgtgtgcc	agggatgtgc	tgggggcggc	caccgcctct	480
ccaggaaaag	cacagctgag	gcactgtggc	tggcttcggc	ctcaacat		528

<210> 91

<211> 547

<212> DNA

<213> Homo sapien

<400> 91

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gacatataga	actttacaaa	catatgtcca	aggactctaa	attgagactc	ttccacatgt		120
acaatctcat	catcctgaag	cctataatga	agaaaaagat	ctagaaactg	agttgtggag		180

ctgactctaa	tcaaatgtga	tgattggaat	taraccmttt	ggscyttgra	ccttymtwrg	240
raaaawgrmc	cmaccctttyt	taacmtgrac	cwccytmatc	tctagaagct	gggatggact	300
tactatyctk	gttwatat	taaatackga	aagggtgctat	gcttctgtta	ttattccaag	360
actggagata	ggcagggcta	aaaaggtatt	attatTTTTc	ctttaatgat	ggtgctaaaa	420
ttcttcctat	aaaattcctt	aaaaataaag	atggtttaat	cactaccatt	gtgaaaacat	480
aactgttaga	cttcccgttt	ctgaaagaaa	gagcatcggt	ccaatgcttg	ttcactgttc	540
ctctgtc						547

<210> 92
 <211> 527
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 92	
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ttgggagctt	atgggtctat gaggacacag tagcctttcc tatcagcaaa ctggagtgga 240
tggtgtatct	gggggtggcc ttatgtacct gctactgttc tccccacatt gccagatgc 300
ctgtataact	gggaggcact gkgctctcag tttttgcgaa tgtgatgagc cccctggtgt 360
ttctaccctt	ttggcaatga ctatccctgg agncatgtgt caaaactgta aagcacaatt 420
tactgctctt	tgcggagcac accgctcatg ctctgaatta cacctgaktg tccctcctcc 480
wgktawtgaa	tgaggttgat cnvatcagaa adgtggkggtt ggcmeta 527

<210> 93
 <211> 531
 <212> DNA
 <213> Homo sapien

<400> 93	
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ttacacaatg	aaggtttcaa gctgtttgcc acggaagcca catcagactg gctcaacgcc 180
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tcttccatca	gaaaattgat tagagatggc agcattgacc tagtgattaa ctttcccaac 300
aacaacacta	aatttgtcca tgataattat gtgattcgga ggacagctgt tgatagtgga 360
atccctctcc	tcactaattt tcaggtgacc aaactttttg ctgaagctgt gcagaaatct 420
cgcaaggtgg	actccaagag tcttttccac tacaggcagt acagtgtctg aaaagcagca 480
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<210> 94
 <211> 547
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

050301 050301 050301

<400> 94

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aagaat	gttt	ccattg	gaat	tgttg	gtaaa	gacttg	gagt	ttaca	aatcta	tgatgat	gat	120
gatgtg	tctc	cattcct	gga	aggtc	ttgaa	gaaagac	cac	agagaa	aggc	acagcct	gct	180
caacctg	ctg	atgaac	ctgc	agaaa	aggct	gatga	accaa	tggaa	catta	agtata	agc	240
cagtctat	at	gtattat	c	aaatat	gtaa	gaatac	aggc	accacata	ct	gatgaca	ata	300
atctata	ctt	tgaac	caaaa	gttgc	agagt	ggtgga	atgc	tatgtttt	tag	gaatcag	tcc	360
agatgtg	agt	ttttt	ccaag	caacct	cact	gaaacct	tata	taatgga	ata	cattttt	ctt	420
tgaaggg	tc	tgtata	aatca	ttttc	tagaa	agtatg	ggta	tctata	ctaa	tgttttt	tata	480
tgaaga	acat	aggtgt	cctt	gtgg	tttta	agaca	actgt	gaaata	aaaat	tgtttc	caccg	540
cctggt	n											547

<210> 95

<211> 1265

<212> DNA

<213> Homo sapien

<400> 95

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ccaaga	aaag	aggaaa	agct	gattttt	gtg	aacgtc	gcta	cttgtg	cctg	aactaact	ct	180
caggcac	att	agtcaga	aaaa	tactac	cctat	ggttact	ccc	ccaggtt	cct	aaaagt	aaag	240
ctttag	aggc	caccaa	attg	gcaatt	gaag	ctggctt	cog	ccatatt	gat	tctgtc	catt	300
tataca	ataa	tgaggag	cag	gttgg	actgg	ccatcc	gaag	caagatt	gca	gatggc	agt	360
tgaagag	aga	agacata	ttc	tacactt	caa	agcttt	gggtg	caattccc	at	cgaccag	agt	420
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ccaga												1265

<210> 96

<211> 568

<212> DNA

<213> Homo sapien

<400> 96

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tgaact	gta	tcaaa	gtgt	acata	tttcc	aaacatt	ttt	aaaatg	aaaa	ggcact	ctcg	180
gtttct	cctc	actctg	tgc	ctttg	ctgtt	gggtg	gacaa	ggcatt	ttaa	gatgtt	ctctg	240
gcatttt	ctt	tttatt	tgt	aggtg	gtgt	aactat	gggtt	attgg	ctaga	aatcct	gagt	300
tttca	actgt	atata	tctat	agttt	gtaaa	aagaac	aaaaa	caaccg	agac	aaacc	cttga	360

tgctccttgc	tcggcggttga	ggctgtgggg	aagatgcctt	ttgggagagg	ctgtagctca	420
gggcgtgcac	tgtgaggctg	gacctgttga	ctctgcaggg	ggcatccatt	tagcttcagg	480
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<210> 97
 <211> 546
 <212> DNA
 <213> Homo sapien

<400> 97						
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aactgc						546

<210> 98
 <211> 547
 <212> DNA
 <213> Homo sapien

<400> 98						
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actctatatt	attccctttt	tacagatgag	gcaatttaag	ctcaaagcat	ttaagtagac	120
aaccaacctc	gaatcacata	gcaaatgaca	gaagccagag	gcctcccaag	tctctctaac	180
tccaaaccct	atgcttactc	tactatatca	cactaccttg	caataggaca	aagggaatat	240
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attcttgata	atagagatat	gctaacattt	gctttgggtg	ttttgtaggt	tagatttttt	480
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agtgttc						547

<210> 99
 <211> 122
 <212> DNA
 <213> Homo sapien

<400> 99						
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gcaggcccca	cctgcccaata	gtaataaagc	aatgtcactt	ttttaaaaca	aaaaaaaaaa	120
aa						122

<210> 100
 <211> 449
 <212> DNA
 <213> Homo sapien

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<400> 100

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ggggatgtgc	taaagcgtga	aatcagttgt	ccttaatttt	tagaaagatt	ttggtaacta	120
ggtgtctcag	ggctgggttg	gggtccaaag	tgtaaggacc	ccctgccctt	agtggagagc	180
tggagcttg	agacattacc	ccttcatcag	aaggaatttt	cggatgtttt	cttgggaagc	240
tgttttggtc	cttgggaagca	gtgagagctg	ggaagcttct	tttggctcta	ggtgagttgt	300
catgcgggta	agttgaggtt	atcttgggat	aaagggctct	ctagggcaca	aaactcactc	360
taggtttata	ttgtatgtag	cttatatttt	ttactaaggt	gtcaccttat	aagcatctat	420
aaattgagtt	ctttttctta	gttgtatgg				449

<210> 101

<211> 131

<212> DNA

<213> Homo sapien

<400> 101

ccatgttctc	tcttgactac	gcataatgtga	gatttgcccc	tccgccccgc	tcgtgatagc	60
catccagatc	ttttacctgg	ccctgtcttg	gagaatctgt	tttcaatctc	cactgattgc	120
ccccttgctg	g					131

<210> 102

<211> 199

<212> DNA

<213> Homo sapien

<400> 102

ctgctgcgcc	tgatgctggg	acagccccgc	tcccagatgt	aaagaacgcg	acttccacaa	60
acctggattt	tttatgtaca	accctgaccg	tgaccgtttg	ctatatctct	ttttctatga	120
aataatgtga	atgataataa	aacagctttg	acttgaaaaa	aaaaaaaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaaaaaaaaa					199

<210> 103

<211> 321

<212> DNA

<213> Homo sapien

<400> 103

tttttttaggt	ttttaaactt	tttatttgca	tattaaaaaa	attgtgcatt	ccaataatta	60
aaatcatttg	aacaaaaaaaa	aatggcactc	tgattaaact	gcattacagc	ctgcaggaca	120
ccttgggccca	gcttgggttt	actctagatt	tcaactgtcg	cccacccccca	cttctttcac	180
cccacttttt	ccttcaccaa	catgcaaagt	ctttccttcc	ctgccacca	gataatatag	240
acagatggga	aaggcaggcg	cggccttcgt	tgtcagtagt	tctttgatgt	gaaaggggca	300
gcacagtc	cat	ttaaacttga	t			321

<210> 104

<211> 309

<212> DNA

<213> Homo sapien

<400> 104

tttttttttt	tttttatttt	tttttttgca	tcaaaaaaact	ttattttccat	ttggcccaag	60
gcttggttagg	atagttaaaa	aagctgccta	ttggctggag	ggagaggctt	aggcaaaacc	120
cctattactt	tgcaaggggc	ccttcaaaaag	tctctgggct	tctatttcaa	ccgcgatgat	180
gtggctctgg	aaggcgtgag	ccactttttc	cgggaaactgg	ccaaggaaaa	gcccaggggc	240

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tacaaccgtt tcctgaaaat gcaaaaccag cggggcgggc gcgctctttt ccaggacatc 300
aaaaagcca 309

<210> 105
<211> 591
<212> DNA
<213> Homo sapien

<400> 105
cttatttctg catgggtcgg agagtgggag ggactgcttt actgagttat agtgaatgta 60
gttttaacct aagcgctca catgactaac tcctcatcca tcaagaatga gctcagctct 120
cacttcccca ctctcacc ccctgtaaag taacctttct ccaaggttat gcttcaacag 180
gaatagctaa catttattaa attgtggcac gtaagtatct tggatatatt ggctcattga 240
atcctcacac ctactatctt acagagatgc cagtggggct tgagattgaa tcaattgccc 300
aggctcccac tgctggtaaa cagtagaggg ggctcctgac ccatcagtct ggcttgacaa 360
cccatccct caactgcgga tcccgattc cttatcacc ctggtgattt ctccataggc 420
tgtggtaca tttgttgcat gaatggaccg ttgaaatagg gcctggcagg gagaaattca 480
ggaaatgaat gaatggttct tccctggcag ctttgatga cttacaagcc cttcaaggg 540
ggaaagccat ttttctccct gggactcctt gaaagcccg gagccctgcc t 591

<210> 106
<211> 450
<212> DNA
<213> Homo sapien

<400> 106
ctgccactcc tgctctgct accccgaaac cggagaggga gctcaataat aacacaggtc 60
ccactaaact aattaagggtg ttggcataac ctgtcattga attcaagtgt ccaacaactg 120
tttgcttaaa atatcattag acctaatatt tttttcaaag gcacaaagt taaacatggg 180
gggggcgggt gttgagaggg gtctgggata cccttaaacc caaaaaagt atttgttccc 240
ccttgcccag aagggtgact gttccactgg gcctgtcacc acaggacatt ttccatgaca 300
agcactcacc ttcttgggga aggggcatca gggtggcaca ggaaaggccc aagtgagggg 360
ccactctgta cattaatact ttggtgatta atgtttgggg agaggcagga ttctcaccca 420
cctttttgac ttcaaact ctcactcaag 450

<210> 107
<211> 116
<212> DNA
<213> Homo sapien

<400> 107
tcgacgaaag ttactgtcac tcagttgtaa atccatcagc ttttcacctg ttaaaaattt 60
tgcaaaatat acatgttctc ctctgtttt caattcttcc atcttttttc ttgagg 116

<210> 108
<211> 291
<212> DNA
<213> Homo sapien

<400> 108
ctgctcgaag ttgtcaaaac ccacgtgcag ggcaatggag agtccgatgg ccgaccacag 60
cgagtacgt cctcccaccc aatcccagaa ctogaacatg ttttgagggg caattccaaa 120
ctccttcact ttggttgtgt tagtagacag ggcaacaaag tgcttcgcca ctgcagtagg 180
atccttggcc gcctggagaa accactcctt cgccgtctct gcattcgtga tggctcctg 240

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ggtagtaaag gtcttggagg caatgatgaa cagggaggac tcggggttca g 291

<210> 109
 <211> 662
 <212> DNA
 <213> Homo sapien

<400> 109
 gctgtttcca cagtacgcct gcctcacacc ttgcgatgcg ccaacatcac catcattgag 60
 caccagaagt gtgagaacgc ctaccccggc aacatcacag acaccatggt gtgtgccagc 120
 gtgcaggaag ggggcaagga ctccctgccag ggtgactcgg ggggccctct ggtctgtaac 180
 cagtctcttc aaggcattat ctccctggggc caggatccgt gtgcgatcac ccgaaagcct 240
 ggtgtctaca cgaaagtctg caaatatgtg gactggatcc aggagacgat gaagaacaat 300
 tagactggac ccacccacca cagcccatca cctccattt ccacttgggtg tttggttcct 360
 gttcactctg ttaataagaa accctaagcc aagaccctct acgaacattc tttgggcctc 420
 ctggactaca ggagatgctg tcaacttaata atcaacctgg ggttcgaaat cagtgaagacc 480
 tggattcaaa ttctgccttg aaatattgtg actctgggaa tgacaacacc tggtttggtc 540
 tctgttgat cccagcccc aaaagacagc tcttggaact tgccccgggg cgccccgctc 600
 ggaaaggggg cgaaatttct tcaagaatat ttccatttcc acaaacttgg ggccgggggc 660
 cc 662

<210> 110
 <211> 323
 <212> DNA
 <213> Homo sapien

<400> 110
 tcctgtgaaa cagcccatctt toctacctac tgtgggttgc tgctcaggag gaacgatata 60
 cgccaatata agcaggaaat ctgcagctcc tctgctatgt gcctcagaac actttcaatt 120
 tttctgggtca atgctctgat taggtatcat acataaaaagc cagcatatta gtttaaattct 180
 ctaacaaaaa actatatctt ccaaagtcac tatcatttgg gccaatatag tgatcttttc 240
 gtgctttgtt gagcttcac tttagggcac ctcttctttc ttccatttca tgaagtctcg 300
 catttccatg tgcaaattta cag 323

<210> 111
 <211> 336
 <212> DNA
 <213> Homo sapien

<400> 111
 tccagtgcgc tccagcctta tctaggaaag gaggagtggg tgtagccgtg cagcaagatt 60
 ggggcctccc ccatcccagc ttctccacca tcccagcaag tcaggatatc agacagtcct 120
 cccctgaccc tcccccttgt agatatcaat tccaaacag agccaaatac tctatatcta 180
 tagtcacagc cctgtacagc atttttcata agttatatag taaatgggtc gcatgatttg 240
 tgcttctagt gctctcattt ggaaatgagg caggcttctt ctatgaaatg taaagaaaga 300
 aaccactttg tatattttgt aataccacct ctgtgg 336

<210> 112
 <211> 218
 <212> DNA
 <213> Homo sapien

<400> 112
 tttttttttt tttttttttt tccagtcagg agtattttta atcactgtct acagagacac 60

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ctacatacac acacgggttg ggaatgaacc caaagttttt aggtgaagtc tctcagggcc 120
 caccocgtgc cacagacctt cctcgggttg agagattctg ggcaaagcat ccgtgctctc 180
 atgagattat cctggggaga tttagaagaa ttttgtgg 218

<210> 113
 <211> 533
 <212> DNA
 <213> Homo sapien

<400> 113
 ctgcaccgac agttgcatg aaagttctaa tctcttccct cctcctgttg ctgccactaa 60
 tgctgatgtc catggtctct agcagcctga atccaggggt cgccagaggc cacagggacc 120
 gaggccaggc ttctaggaga tggctccaga aaggcggcca agaattgtgag tgcaaagatt 180
 ggttcctgag agccccgaga agaaaattca tgacagtgtc tgggctgcca aagaagcagt 240
 gcccctgtga tcatttcaag ggcaatgtga agaaaacaag acaccaaagg caccacagaa 300
 agccaaacaa gcatcccaga gcctgccagc aattttctcaa acaatgtcag ctaagaagct 360
 ttgctctgcc tttgtaggag ctctgagcgc cactcttcc aattaaacat tctcagccaa 420
 gaagacagtg agcacaccta ccagacactc ttcttctccc acctcactct cccactgtac 480
 ccaccctaa atcattccag tgctctcaaa aagcatgttt ttcaagatct aaa 533

<210> 114
 <211> 261
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 114
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 ctttgagaaa ggacatgtga tgtgatggtc ttcacgttcc acatgtactc gggcaaatag 120
 ggggacaaac tgaagttaaa caggctgaaa ctgaggagc tgctgaccct ggagctgacc 180
 actttcttgg ggaaaaggac acatgaaggt gctttgcaaa agctgatgag caatctggac 240
 accaacatag gacaacaacg t 261

<210> 115
 <211> 267
 <212> DNA
 <213> Homo sapien

<400> 115
 cctctcctgt gggttccaga ccctgttcca gcaacaattg ctgggacacc tgggccgact 60
 gctccacctc gccaggccct ggccctctcc atctcagccc tgacagccac ccagtataa 120
 acacagcagg ctctctaagc aatgtgacgc accagagggg tgggtgtaca cgttcccctt 180
 gaagtcatct gaaaattaga gaacagattt gcctcatagc tgaagagaga ccctattcca 240
 agcatgaatg gccttgacaa tgttct 267

<210> 116
 <211> 239
 <212> DNA
 <213> Homo sapien

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<400> 116
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 ctctaaggcg ctgccaagtg atgctgatgc tcttggttg tggaccacc tgtgtatagc 120
 aaagctctag actaggaggt ctcaaccttg gctgcacaga attatctggg gagtttttaa 180
 atttcccagt gcccgagctg cattcatatc atagtagaga cagggttttg ccatgctgg 239

<210> 117
 <211> 168
 <212> DNA
 <213> Homo sapien

<400> 117
 aaaaaacttt tatattgctg catcttccac agttcttttg gtagtctctg aacttaaaat 60
 ttgtaggagt tgtagactac cttaaatttt aagttatgga tttgttcata ggtttaggg 120
 gtaggtaaag aaggaaacag acaagaaaat ggcttcttga ggtggcag 168

<210> 118
 <211> 150
 <212> DNA
 <213> Homo sapien

<400> 118
 aaaaaaaaga gtttatttag aaagtatcat agtgtaaaca aacaaattgt accactttga 60
 ttttcttgga atacaagact cgtgatgcaa agctgaagtg tgtgtacaag actcttgaca 120
 gttgtgcttc tctaggaggt tgggtttttt 150

<210> 119
 <211> 154
 <212> DNA
 <213> Homo sapien

<400> 119
 aaactgtgtg agatattaac cagccgcctt gttataaaat caggaaatcc aaacagcgat 60
 ttacaccgat taacaccccc ttttatattt tttcaaatac actgagaaaa taatcaaacg 120
 ttttcatctc tcttgtcttt ttttgttttt tctt 154

<210> 120
 <211> 314
 <212> DNA
 <213> Homo sapien

<400> 120
 ctgcgtggag tgacgggagg agggaatcac tgtgtgtgag agagtgtctc agactcaatt 60
 tccaaaataa ttttcacccc tctaagcatg taaattcaaa gatggatcct tcatagaaat 120
 taaaaaatca atttgagctc atttogaata cagaacaagt atggcacaga tggaagtcct 180
 gccacgtttc cttaaatgat gctgactctt gtatcacaca ggccagcatg aagtttctta 240
 ctcagacttt acaggcattt tccgtaattc aatcagtcct gctcccagca caacacagga 300
 ggtgattcga gaat 314

<210> 121
 <211> 601
 <212> DNA
 <213> Homo sapien

<400> 121

aaaaaaaaacc	taattcattg	aagtaataac	caaataattt	tcaatcttga	ttcaactgtg	60
attcaaattct	tacaccattt	gccccttcta	tgaatttatg	tataaaattt	tttaagagtc	120
agagtttttt	tttcttgatt	aattggatgt	atttcacaga	atttccaact	gctcacgtta	180
gttttcttcc	ttttagagtt	gatctctcta	atgtattaga	tcttcatgcc	tttgatagtc	240
tctctggaat	aagtttgacg	aaaaaacttc	agcatgtgcc	aggaacacaa	cctcaccttg	300
atcagagtat	tgtacaatca	catttgacgt	accaggaaat	gcaaagggaag	aacatcttaa	360
tatgtttatt	cagaatcttc	tgtgggaaaa	gaatgtgaga	aacaaggaca	atcactgcat	420
ggaggtcata	aggctgaagg	gattgggtgc	aatcaacgac	aatcacacac	aagtgattgt	480
ccaggggtgc	catgagctct	gtgatctgga	ggagactcca	gtgagctgga	aggatgacac	540
tgagagaaca	aatcgattgg	tcctcattgg	cagaaattta	gataaggata	tccttaaaca	600
g						601

<210> 122

<211> 486

<212> DNA

<213> Homo sapien

<400> 122

ctgttttctaa	ttgcttttgt	gactgttacc	ttttagttca	tgcccccca	aagagctaaa	60
tttcacattt	ttacctacaa	aattgatttt	taattcctgc	aaataattta	ccattatgag	120
ctacaagggtg	ggcaacagcg	cctgaggatc	taattttatg	catattactc	ccaagtattt	180
taacacttgt	tggagaagca	atatctggat	caataaaaaca	ctgtcccatc	aaccatttga	240
gtggggagag	ggagaagctc	ttctgtaagt	aagattctgg	caagctcttt	gaaatgagtc	300
ttctttccca	cagattttct	ctactctttc	aatacaaaaca	gataggagaa	gagggaatag	360
aaacctggag	gaacttgaat	atttttggtc	tagatagaga	tacagttatt	gaaaaggaaa	420
cctagaaaagt	agtcacacgt	cgcttattta	ggccagaagt	aattgtactg	ggcaaaaatt	480
tcactt						486

<210> 123

<211> 239

<212> DNA

<213> Homo sapien

<400> 123

ctgggtgggtc	tttttttctt	ctcagagctc	aagcctgtag	tgcttgatgt	catttctttc	60
aagttgcccc	cagtatctcc	acttaaaacta	ggctagtaac	caaaaataatg	tggaccttct	120
ttaggaaaca	gtgtgggaga	ataggagtcc	agccgtaaga	taaactggaa	atatttgggc	180
gtcttgtagc	tggctacgca	ccacctcagt	gttggttccta	cataaacaag	gcccccttt	239

<210> 124

<211> 610

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(610)

<223> n = A,T,C or G

<400> 124

ccanccaagt	cnttgatgat	cactgaccn	cgcgcgctg	ctggaccaag	gtggctgcgg	60
ggaaatcgcc	acngngcttt	cggttttctt	ggtgaaggaa	tacaccgcgc	cgacagcagg	120
ttttcagtca	gggtcagggg	ctgttgcttg	cgcgcgaaaa	tcaccgggtac	gccgaggttc	180

TOE050"92964360

aggccggtca	tgatcgccgg	tgcaatgcc	gaggcttcga	tggtgacgat	cttgggtgatg	240
cccgaatcct	tgaacaacgc	agcgaattca	tcaccgatca	gtttcatcag	cgccgggtcg	300
atctgggtgt	tcagaaaggc	gtcgaccttg	agtacctgat	cgaaagcac	gatgccttct	360
tcgcgaattt	tcttgtgcag	tgcttccacg	aaagcttcct	ctgttggcgc	aacacgcgcc	420
gaaagtagat	taaaaagtag	tcgattctag	cgctttaaca	tcgcgcgtat	atccgccagg	480
gcggtattgc	cgcgaaacgc	tttgacttcg	gttgggtgtg	cgtcgttgcc	ttcccatgcc	540
aggtcatccg	gcggcagttc	gtcaaggaac	cggtcggggg	cacaatcaat	gatctcgccg	600
tactgcttgc						610

<210> 125

<211> 196

<212> DNA

<213> Homo sapien

<400> 125

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tacacttcaa	tctgcaggct	tcttaaagtg	acagtatcct	taacctgcca	ccagtgtcca	120
ccctccggcc	cccgtcttgt	aaaaagggga	ggagaattag	ccaaacactg	taagctttta	180
agaagaacaa	agttttt					196

<210> 126

<211> 247

<212> DNA

<213> Homo sapien

<400> 126

aaattagtta	aaaaaatgca	ttcctcattt	gatatagcca	cattccaaat	gcttaaaagc	60
cgcatgtatc	tagtgactac	catactggag	agtacaaata	tagaacttta	ccggtcactg	120
cagacagttc	tgttggattg	tcgagcattg	gacaatatat	acagtttgcc	tgtatatgag	180
aaagagagag	agagagagag	tgtgtgtgtg	tgtgtgtgtg	tgaagtgcaa	taaggctgac	240
aggcatc						247

<210> 127

<211> 590

<212> DNA

<213> Homo sapien

<400> 127

cctccacggc	atggcgcaat	tggtgttcag	gggcccgcag	gttgctgccc	atgccgatgt	60
agatacgttc	cacgtgctta	ctcgccagac	gcactcgaag	cgtcgccagc	gctacgtttg	120
cgcttgctgc	cactgctgcg	gcgacgcttt	ttcgggccat	cgccggtggc	ttcgcccttg	180
ctgctgagct	ctttgatcat	ctcgcggcgc	tggtgtgctg	tggtgctcctg	gtagtcggtc	240
caccactcgc	caaggccgct	ggtctgttcg	ccggcgcttt	cacgcagcag	caggaagtca	300
tagcccggca	cggaagcgcg	ggttgtccag	caacaggctc	gcacgtttgc	cgctgcggcg	360
tggcaggcgc	tcctgcatgt	cccagatttc	acggatcggc	atggtgaagc	gtttcgggat	420
ggcgatgcgc	tggcattgct	cggcgatcag	ctcgtgagca	gcttcctgca	tggctggaat	480
tgccggcatg	ccacggctct	gcaggcgcat	gacgcgtttc	gaaagcgccg	gccacaacag	540
ggcggaacaa	aggaacgccg	gggtgaccgg	tttgttctgc	ttgatgcgca		590

<210> 128

<211> 361

<212> DNA

<213> Homo sapien

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<400> 128

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agactctact	agatgcaaaa	cagaatgaca	tttgtaaacg	gaacctggaa	gcatactcgg	180
attattgctc	ggctttactt	aaggatattt	ttgggtccct	agaagaagca	gtgaagcagg	240
gaatttattc	taagccagga	ggccataatc	tcttcattca	gaaaacagaa	gaactgaagg	300
caaagtacta	tcggggagcct	cggaaaaggaa	tacaggctga	agaagttctg	cagaaatatt	360
t						361

<210> 129

<211> 546

<212> DNA

<213> Homo sapien

<400> 129

aaaaatacaa	attcagtaag	actttttgctc	taacaacaat	ttttcaaaac	gaatcaacaa	60
caaaaaagta	tccagtgttt	ctttttcttat	gaagatataa	taaaacacag	tattggtaag	120
cacatttttaa	cagtatgctt	ttcttttgta	gggaaaggag	atatggctat	gtctaaccatc	180
gtgggatcca	atgtgtttga	tatgtttgtc	cttggtattc	catggtttat	taaaactgca	240
tttataaatg	gatcagctcc	tgcagaagta	aacagcagag	gactaactta	cataaccatc	300
tctctcaaca	tttcaattat	ttttcttttt	ttagcagttc	acttcaatgg	ctggaaacta	360
gacagaaaagt	tgggaatagt	ctgcctatta	tcatacttgg	ggcttgctac	attatcagtt	420
ctatatgaac	ttggaattat	tggaaataat	aaaataaggg	gctgtggagg	ttgatattat	480
taatagtgtt	atgcagaaaa	tatgaatggc	agggaggggc	agagagaaaa	atccatttct	540
tcattt						546

<210> 130

<211> 733

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 130

ggggcctctt	cctaaaggca	ctaatacccat	ccaatagggc	ttaacctcat	gacttaatca	60
actttcaaag	acaccacatc	ctaatagccat	cacatcagaa	tttaggcttc	aacatatgaa	120
ttttgggggg	acacaaacat	tcacctcata	gcattcattg	tttcttggtt	ttggcaaagc	180
caagactcac	attgtctaag	ttatttgact	tttgagtccg	cagatgtgaa	aacagtgtta	240
aacagtccag	cttcatgagt	ggagaacagc	atttgtgaca	accaccaaag	tacctctgtg	300
gtcagtgtcc	tcaaccaggg	cacagcatca	tggaccagag	cctctgcagg	gcacagagga	360
gtggtgagga	acaggggctc	tggagcaacc	ccacttccct	ctgctttgta	tatggggggg	420
tctgcacatg	actgcatttg	aaaagggctt	cactgcgctt	gctgaaggag	tgcacttgag	480
ctagcggaga	gttcccagag	ggtgtctgga	agaagcaaag	gctattcttt	gtttcactca	540
gttatagatg	gaagtcaagc	acttctgcct	gaagtacttt	cacacactcc	acagtcttaa	600
gaaggatgga	naaagcatgc	caactactca	naaaaccaca	ggtgttcaag	caatggatc	660
cttttatncc	tacaactagt	ggacaaaagng	gggcctctgt	aatttgaggaa	agctaggaaa	720
actttttctg	ggg					733

<210> 131

<211> 305

<212> DNA

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<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 131

aaacacatac	gaatanttna	actgtgatta	tgaagtgaca	gccggctaaa	tatgtcttgt	60
atthttctct	ttcctttttt	tgctaactca	tcctttattc	cattcctgct	tccatggtaa	120
tgcaggctca	aataaattac	taggatacaa	gattacttca	agcctctttt	ctgtggaact	180
cataatatga	taagcatttg	ttacaagatt	gcctgtagtt	gtttagggga	caaattatat	240
tagggaaaga	aagtctttct	ttagttgggt	aaatthttct	ttataattgg	gtactaaatt	300
tattt						305

<210> 132

<211> 545

<212> DNA

<213> Homo sapien

<400> 132

aaacaatgct	acactcattt	ttggcaaaagt	gctgtattgt	tcagtctgtg	tacaaaaactg	60
accatctatg	aaccaatcag	tataaaaaaat	ttctataaaa	acaaaattta	gacagcggct	120
caagaaaaca	agctgccatt	tatgcataga	ttgatgtaca	gtaacctaac	caaagtgtcc	180
ttttgaattt	tcaagttact	gaaaaaaaat	gtgtcgagaa	acacattaag	aaggcacatg	240
tacagtctac	aatactcttc	agtctcccta	actcatgccc	tgccctata	aaggaaatat	300
gttcacaatt	ttacttgaga	aaaaaaaaaca	aagccactta	aaaaaaaaaa	aacacacacg	360
caattattaa	agttcaaaat	ctctggagga	aaatacaagc	aaaaccactc	atacactcca	420
agcctgaaac	acacatctaa	cctccccagg	tactggtttg	gttttcagag	gtccacctag	480
aaaacaaatc	taaaacttca	ggcaaaaacag	agcaaaaactg	gacatttaac	aattacacaa	540
ttttt						545

<210> 133

<211> 330

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(330)

<223> n = A,T,C or G

<400> 133

aatatttatt	actaatatct	tataatgttt	tgtggnacca	tggcatacct	tgggtactat	60
tgtaacanat	agttcaggaa	accctactat	aagggtttatc	aaatgggtctc	ataaacagtt	120
acttattcaa	gcacgccaaa	gctcagtgaa	aagtatthttt	cacccttact	ctttctcgtg	180
tcattcaaag	agaagtthttg	atgtagtgta	tttatttgta	gggagtaatg	aacagatcca	240
tttcacagta	gactttgtgc	tctaggtgat	gcagctaatt	gccccagttt	ggaaaacatg	300
gacttgatg	aattgtcttt	tgthtgggac				330

<210> 134

<211> 627

<212> DNA

<213> Homo sapien

09849626.050307

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 134
 aaatattact tcaaatacat tttaaagctc aacaaaacttg tgttgaactg aattgcagat 60
 cctgaactct atttgaaaat acatcatgaa acagaaaanc ccattccaaa tgaaaatgat 120
 agtgctttgt tgggggtggg aatgaggcgg ggagactaaa tcactattaa cagacttctt 180
 ttccaatgc aatttgtcaa aagttcaaaa gttctgaaat gtactaaatc ttaagcaaat 240
 taaattcatg atattactaa aactttttta atagtgaat gacttatcaa gttatagtgg 300
 ctgcattaag aacaaattat tgtgtgaaat acctgtataa acacaaaata caattaaata 360
 tttctttaca aaaagctgag cattacgcat aatagtggaa tgtctttcat taggtgtatt 420
 ttttaaagat taacaaaagt aacatttcct aaaatgtata catgtgccat atttttgcaa 480
 acatgcctga gaatgtattt aaaacatttc tgtagtaaga gtttgcaaga acttcacaaa 540
 cctgcaata aaatgcatct ttttaaaaaag gtgaaaatgg catctccaca ctgcaacaat 600
 tcaaaaagtg cagcatccct aatcttt 627

<210> 135
 <211> 277
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 135
 aaaatcaaat atattatttg ttaaaaatca gcttgtttca ttacnggaaa ttacaccagt 60
 ccgttctatt tactttcaaa ccatattcaa ctctcaact ttcaaacatg taatcaacta 120
 atttcaaaaag ggaaaaggta ccctttataa aggagagatc tgtaagaca ccaagaaatc 180
 aaaattaata tcacttaata attaagtgga taacacatgc ctccaatac agtgcagtga 240
 gaaacacaaa acatcaattc ccgcgtactc tgcgttg 277

<210> 136
 <211> 486
 <212> DNA
 <213> Homo sapien

<400> 136
 aaaacagaat gaattcattg ttacagttac agaagtcaga agcccaaata cagtctgcct 60
 gaaccaaagc cagggtcagc aaggttcctt tccactgttt tgccaacttc tagaggccac 120
 ctgtattcct tgggttcattg cccctctctt catcatcaaa taatcagcat agctttatga 180
 cattggcagc tctgattttg ctcttttgcc ttctctttat gtagaccctt gtaattacat 240
 tgggtacacc cagataaccc caaataatct ccctatctca agattcttaa tgtaattata 300
 ttgggaaagt cccttttgtc atataagata acatagcaat ggattccaag gattagtatg 360
 tgagtttctt ttgaggggct ataattaacc ctaccacaat atggaaatgt ctattgtttt 420
 tctatgtacc agaaataaga cattaggatg tgaaattaat aacataacac cacttacggc 480
 atcacc 486

<210> 137
 <211> 552

05030501 05030501 05030501

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 137

ccatcttgca	tcaaatgttc	ttaaggcagt	gactggctat	caaccacagt	ttctgtctcc	60
ccagttgcaa	acacaggatc	catgcaacag	ttctgagacc	atacacttag	aaaccacagg	120
ggatgcggat	caaatgcaga	actcccaa	tataaaacag	tcaggctaca	ctcaaaacaa	180
aacatagaac	atcaacaaca	cacatctccc	aaaaaagaag	tgcaacgcat	gcttgataaa	240
accaacaata	acaaaaaaaa	cacaataaaa	aatgcagagt	ctcccaaaca	agttttcaaa	300
tgtattgcan	aaagaaaaaa	aatgtatata	tatataaaat	taaaaagtct	gaaataactag	360
tgcatagtca	attacctaac	accaagtttc	ttttctttct	gtccaagctc	tactgcccct	420
ctgatactag	cagcatgtct	acaggctaag	accatagcag	caaaaaacgt	ttttcatttg	480
gcatttacaa	aattaaatta	ctgaataaaa	atataatfff	ttataaaaact	atttcttaca	540
gtaataatff	tt					552

<210> 138
<211> 231
<212> DNA
<213> Homo sapien

<400> 138

aaatfffact	agtgttactt	aatgtatatt	ctaaaaagag	aatgcagtaa	ctaattgccct	60
aaatgfffga	tctctgtttg	tcattactff	ttcaaaatat	ttttttctgt	aaagtataat	120
atataaaaact	tcttgcttaa	attgaatttc	tatattagtg	gttaattgca	gtttattaaa	180
gggatcatta	tcagtaatff	catagcaact	gttctagtgt	tttgtgtfff	t	231

<210> 139
<211> 535
<212> DNA
<213> Homo sapien

<400> 139

cagttgccaa	ccctctgaac	cgttttaggcc	ggttcacgcg	tgccfffga	tctgggccgg	60
tggtgatccg	gcaaggggtg	aaaccaaaga	gcgggggctg	tgaggccctt	cgcagtcctt	120
cgtaagtcgc	tgcatggag	tgaactatca	cgcacgtgt	ttatffctgc	aacacgaaat	180
gtgattffat	tttgcgaaat	aacacggcag	ttctcggffa	cgtfffcgga	aagcgtggga	240
tatgattctg	tctatcctgt	acggatatac	agtaattacc	gggaggggat	tccatggcga	300
agaagcaggc	ggcaccggca	gcacggcagg	aaatgagcgg	tatggcgcgc	ctcgggcttc	360
gcgtctcatc	gatgattaat	cacccggtcg	cccagacgca	gcgctgggff	acgattcatc	420
gcctggacac	ggatggggat	cgggagtggg	aagaggtff	gagcgtgatc	gctgataccg	480
acgagctcga	gctgacgctc	aatgacgatg	gcagtggtgac	ggtgaggtgg	gagca	535

<210> 140
<211> 640
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature

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<222> (1)...(640)

<223> n = A,T,C or G

<400> 140

acattggtgg	cacttgaact	gagtgcaaac	cacaacattc	ttcagattgt	ggatgtgtgt	60
catgacgtag	aaaaggatga	aaaacttatt	cgtctaattg	aagagatcat	gagtggagaag	120
gagaataaaa	ccattgtttt	tgtggaaacc	aaaagaagat	gtgatgagct	taccagaaaa	180
atgaggagag	atgggtggcc	tgccatgggt	atccatgggt	acaagagtca	acaagagcgt	240
gactgggttc	taaatgaatt	caaacatgga	aaagctccta	ttctgattgc	tacagatgtg	300
gcctccagag	ggctagggtta	gtacaaactc	gcattcatgg	cttggtttcc	cagaagatct	360
ccatttaact	tttttaaaaga	aagtttattg	ctttctttaa	cctgcatttt	ttctaagttt	420
tttttcgcat	aaaggtgctg	tctttgtggc	aaggcctagg	catgacaatc	ggaggactcg	480
agggggatgg	aggactagtg	atccggctgg	ctgcttccag	tcgattagag	aggtgaaaaa	540
gctgaacgtg	tgcccantna	atcttcaaaa	aggcagaaac	atatcacctt	ntgcccccnt	600
aaacttggtc	tttttccgaa	ggggaaaaaa	aaaatggaaa			640

<210> 141

<211> 127

<212> DNA

<213> Homo sapien

<400> 141

aaaaatcaca	cactgacaac	acagaaatac	gaaatgctag	gaaaagtcta	gcatatgaag	60
gaaaaacatg	tcttatgcac	tctaataata	ttttttcaat	tagtataaaag	gcaaatgcgg	120
ttttttt						127

<210> 142

<211> 126

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 142

aaatatcctc	tgatgcntt	caagtaatac	taatcatttc	atgnghaaaa	gtcttttaat	60
aaacaaattc	agagtaaaat	taattgaaat	atttataata	catttggttac	acagttattt	120
ccaata						126

<210> 143

<211> 730

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 143

gcaagttctg	gagtggtcac	ttctgagcct	gaattccctc	ccctgcaaaa	tggggggaata	60
ccctcctcag	agggtccctg	cgagggtgag	gggagatcag	catggcaggt	gtgctgggca	120

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cggcagggcc tgggaagggc agatcctttc cccatccctg ccacaaacaa cccaaacctt 180
 taaaggagag caatggcctt gtgtcaaaaa caaaaaccct gtcctaggag 240
 actggggccc taatttctaa tagcaagcct ttatgagtcc ctaacactct actgggctga 300
 gtatctcaca cgccagagga taacctgcct tctgctcacc accaccccgt agtagttgtc 360
 attgtgtcca tttcacagat gaggcaaagg ctcagaagag tcatgtgtta aaccagcttc 420
 tagagcccat gcaggagctg cagggtggga gaatcacctc taggtgctct tcccatggaa 480
 tcctcacctt ccttgagtgg tcactcactc anctttccaa tgggtgtgtg acctttgacc 540
 agctttcttt ccttntctgg gcctcagttt cccaccttgg acaaagtaag aggtctcttg 600
 ggnttcangg tagttcttcc taacttcttt tccttttcat ttgagcatcc ttcttcattt 660
 tttgccacct ctcttgatcat tacangcttt taccttcggc cggaaccac gcttaagggc 720
 naaatttcca 730

<210> 144
 <211> 485
 <212> DNA
 <213> Homo sapien

<400> 144
 ctggtcagaa atgattctct tgtgacacca tcgccacaac aggctcgggt ctgtcctccc 60
 catatgttac ctgaagatgg agctaccttt cctctgtgtg gcattttgtc gcttatccag 120
 tcttctactc gtagggcata ccagcagatc ttggatgtgc tggatgaaaa tcacctgtgt 180
 tgcgtgggtg gtctgctgcc gccacttcta atcctcatca tgacaacgtc aggtatggca 240
 tttcaaatat agatacaacc attgaaggaa cgtcagatga cctgactgtt gtagatgcag 300
 cttcactaag acgacagata atcaaaactaa atagacgtct gcaacttctg gaagaggaga 360
 acaaagaacg tgctaaaaga gaaatgggtc tgtattcaat tactgtagct ttctggctgc 420
 ttaatagctg gctctggttt cgccgctaga ggtaacatca gccctcaaaa atattgtctc 480
 aacag 485

<210> 145
 <211> 465
 <212> DNA
 <213> Homo sapien

<400> 145
 ccaagacagc tcgttttctgg agagtatgag ggtgtgtttt cttattgtga aaggaactac 60
 cttctcttag agggtaggaa gaatgtggtg tgtgtgtgtc tcataaagca accggacatt 120
 ataggtgccc aggtcatcta taaaaacgat ccttgggctg tgtaaaaatg aagtggcttt 180
 tcagtatcct ctttcacact tgctgcttcg ggagactatg caatgatggg aaggtgattg 240
 cccctttatt tcattcagtg ccatgggtccc tgttgttgta gtaatttatt tgtttagttc 300
 attttttttt tcttaacagt caaggggaag agtgattcct cacactgctt tcaagctgga 360
 ctgagccagt ctcatctctg gaaagaaatg ctgtgtccag aactcagcag ctccatctat 420
 tttttccagt cgaaagaaac tgatcttttag gcagttttta cttgg 465

<210> 146
 <211> 351
 <212> DNA
 <213> Homo sapien

<400> 146
 ccagccgggg taatctgtat gtggcggact tgagctacga cgtgggcggc aagtgcctgt 60
 ttgaccagat cagcggcgtg aagcttatgc caactcatcg tttgataaat ccgaggatca 120
 gttcaagacg tcgcagcggg tgattttggg aacgtcgttt tcggtcagta aattgtgggt 180
 agcgacggag tggttgatcg gcaagaatga tccgtatatt ggccggagca gctataccga 240
 gagcctgggg gctgggggga gtaaccagtg ggagaatcag ttatatatga acattgggta 300

05049660
 92964860
 05049660

ctactttctga cttaagatct ccagcgtttt aactggcctt atcgcaggca a 351

<210> 147

<211> 654

<212> DNA

<213> Homo sapien

<400> 147

acttattttt	aattactgaa	tatttcttag	acgttttggg	acagatttta	tgtaatcttt	60
ataagtatga	tttctgaaga	aaagcaaag	cattagtagt	tttgccttaa	acttgtagac	120
taaaccaagt	attgtaaaat	aaacagcgat	aacagtgata	gtttttaact	ctatgggcat	180
tgtatcactc	tggaaaatgt	ggagtagctg	taataaatct	actcctgtat	tatgctttac	240
agtgcagggtc	ttagtttttc	ttttttctca	tttcttttga	aatggcatct	cgaacaaagt	300
ccaccaatcc	ctttacaaaa	gaatgaactg	ctcctctgtg	tgtacttcat	agaagggtgga	360
atcggacaga	ggcagggttag	tgacagttat	tcctgaaata	caggagcaga	gtacagtcctg	420
ttgtgggttc	ccggattccg	cgcctagctc	agccaattaa	gcatgagaca	taggccattg	480
agccacttag	tagttatgcg	agtggataga	ttggtatgta	agagggaaag	aggtctgctg	540
taaagaacaa	cacttgtttg	tctgtgggga	aagaaaagca	gaatcttgag	atgaaagttg	600
gcatacaaat	aggatactat	cgccagtagg	ttatattaca	aaacatttat	cggg	654

<210> 148

<211> 539

<212> DNA

<213> Homo sapien

<400> 148

tgaatatcat	gagggtgatt	ttcacctgat	tgcaaaactg	ccatagtttg	aaacactttt	60
tcaatttacc	agacacactc	tgtcaagact	tcatatactt	ccaacttgca	agcctgtggt	120
ttgccttctc	caacctaaaa	aggaaaagct	ttaaacgatg	aacttacatt	ctattaaacc	180
atcagacttg	agcttatcca	tctgttttagc	gtgaatgtac	aaaccaggta	catttccacc	240
aaacacatag	aaaaatcttg	tgcatcacag	ttcagctaag	ggtagtagga	caatccttac	300
aatcctcctt	ggatttcttt	tttaagatgt	caaagaagca	ggtaagcaac	attgttcatt	360
tgttactggg	tgttctagat	caaaccttca	caagctatat	atatagcttc	atatgctata	420
gcttacaaat	ggggtaacaa	agtaaaaagaa	aagaacaaat	tatactttga	cactttatag	480
tcaaagtata	attaaaaaag	aaatcctaca	gtgggtaatg	gagaaataga	taatttttc	539

<210> 149

<211> 273

<212> DNA

<213> Homo sapien

<400> 149

tttttggcca	ttctcctcaa	ggagccgctg	gatagtagtc	ttgattgact	tccaccttgc	60
ccctcataca	gtccgggtact	aaggccaccg	acatcccag	gaacctccg	aaccacgacc	120
gccaaagcaac	tcgacccacg	ataggtgggg	cctacgctct	cgaagttgat	tggtatgctcc	180
cgcctacagg	gcgggggtaca	gaagggacgt	catttgtgac	tggacgcgca	agagctatac	240
tcagcagctt	tcctctgtcc	cagcccctag	aac			273

<210> 150

<211> 200

<212> DNA

<213> Homo sapien

<400> 150

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gtttttacta ccgtatggcc catttaaaag ggatgtgtac gccttacact ataaccctta 60
aaccacctag aaatatgaaa ctcaaactgc cactgacctc cctcaccaag ctccataaaa 120
gtaaaaaatt ataacaaacc ttattaacca aactgaacga acatatgggc gattgattca 180
ttgccccac aatcctaggg 200

<210> 151
<211> 515
<212> DNA
<213> Homo sapien

<400> 151
ctgtagcgat ctttaagaat attttatata tgaaatctgg atttaggggt cccatgggtct 60
ggcaccactg ggtacagtag ttctacatgg cagtaattca ttggagttga agcagtgagg 120
aaagagtcaa gtactagtct tttatcctca gtgtccagtg actgtcaaga gaaatgggac 180
tgccttctgc attgggatat gtgggttaaa gagtagtcca atatagaaga gtgagaaagt 240
gmaccctctg aggcatagta atgttttatt kraaaacatc tcacatgtat tgaatactta 300
sataggatgt attctgtatt actgaatttt ccagattatt gaagcaatca cctttctgtg 360
tttaaagttt tagaaagaat gcttttaaaa atgcttaaca taagataagc ctgttttcat 420
ggtgcaaggt cctttctatg aacatgaatc actggactct gaggggttga ctaagatcac 480
atctacatcc cttttaaatg actagtgtgc tcaga 515

<210> 152
<211> 243
<212> DNA
<213> Homo sapien

<400> 152
atttcaacaa catacttgtc gaggtagtta taaatcttct tagggggagg tgggtggtttc 60
tggttgaatg ccaattttac agcttctgct gctgattcag gttctttaat tatgcttttc 120
tttgagtctg cttcagatag cacaacaaaa aaatgatgac acttttcaca cttgacaaaa 180
cgggtggatg atacaaaagg tctctacatg tgtgcacaag tcgccacatt taggacagcg 240
cag 243

<210> 153
<211> 620
<212> DNA
<213> Homo sapien

<400> 153
ttgtcttctc taccttacca tagccagttg ctttcatttt aaaccagagc aagtaacata 60
ttagtgactt gaatcttcat aagttaaagt aaaaaacagc aaaaaaccta gatctttgtc 120
ttttagaaca cagaccattt tcaggaaagc agtttagctaa gtgtttaatt catgaatatt 180
gtatactgca tcccttacca caatttacac aatcctgtgg atagtcctac ctcaccctgg 240
tcaacctaca tgatccttaa gctaattggc gatcacgatg accttgtaga catgcacaca 300
actatacctt tgtccaacag atcataatat atctgctatc caactggttt tacctgccta 360
atcctactga tttgggcact gcttgatag tctctcaagt tcacaggaaa tgttgatttt 420
ctaaggtoct catttttaca gagtatacag gcaagtgc aggggaaaag gaattagtct 480
aagagtaagg ggatgattat tatattgagg ctaaaaccac aaagtggctc aggctttaaa 540
aaaaaacact gtggataatg acaaaaagca taagtaaaaa tattttgaga aaaataaagt 600
acaagttttg aacaccccc 620

<210> 154
<211> 843
<212> DNA

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<213> Homo sapien

<400> 154

cattgttagt	gacccaagta	aattttatagt	ttttaagttc	agaggaaaaa	taaagcctat	60
tttttgtaa	cagtcttaat	aaataataaa	atggaataaa	gaaacaaaaa	aaaaaagaaa	120
aagtttgat	gaaaattcat	ccctatttct	ttattttgga	ctaagtagtc	aaatttctac	180
tatattaata	ttatgtaagc	gacacccatt	taaattcact	ctctttgata	gaaagggtgag	240
ttgattatca	cacctgctat	tttttcaactg	ccaaaragac	tgcaataaacc	tccctccatc	300
accctcaaaa	aacaaacaga	aaccatctga	ggcatagcca	ttgtttacat	attgtgtttg	360
tgtgcaccta	tctacaacgt	tctttcttct	aaggagttaa	tctgccaata	tttccggctt	420
cagcagcagc	gctcttcttg	acagactaag	agaaggatct	acagaaaagt	catctgatta	480
aggttttggg	tcaaatataa	actctctgga	cagaatcctc	tttccctcac	ttggatttct	540
gcaaacagaa	agcagattat	tctcctggca	caatagcgac	tctagaaacg	cttatgtttt	600
tcagactttg	gcagaacttg	ttaagaacag	catcatcata	atacatttgt	acaaactcga	660
atttcagtgg	ctcttttgtc	ccacatgatg	catgatgaaa	tttataaagg	tctgttttac	720
ccccacaggg	tcatttcttt	tgtgttccta	cagagccaat	aggcttcatt	taagtccaag	780
ttattatatt	aaccatccct	ttcactagac	tagagaactt	ctttttcatg	gtccatatcg	840
tga						843

<210> 155

<211> 674

<212> DNA

<213> Homo sapien

<400> 155

tttcgtgtca	gccccaggtt	tgctccagct	attcacaagc	agaatataac	acaagaaaaa	60
caattcatat	cccttaggga	aaaaagagga	tcaattcatc	actcaatatt	taatacagcc	120
aaaatgagct	gcaaaaacaa	gcacacacac	aaatactgtg	aacagaaaaa	tacaagaaaa	180
tgactaagct	gggagtgctg	acgggggtatg	gacattgctt	aaagcactta	tcagtccecca	240
gaaaaaacaa	accaaaaaca	ttttttacga	tgccatggcc	tcattggccc	ctttaaaact	300
gttgatggta	acaaagggca	gggggtgggg	agagaaaaaca	caatcactgc	tccctttttg	360
ctcgccagtg	tgactgcacc	cctcacggca	ccggcatgta	cacaactacc	acacaaggag	420
gaccaagtcc	ctctgctggt	ggcctcctaa	aaggcaaggc	ttgagttttg	gctgatgagc	480
aagttctctc	cgttaccaat	ccctgccaac	cagcactacc	atggctgaat	tgatctaccg	540
ttttcctgag	taaactgtaa	ctggctacag	tttcggtaac	atggaaaaga	actcagctac	600
tacagccaac	tgcaatactt	caggaacccc	ctccatccct	ggggctcctc	actcctagtg	660
catcttgatt	ggat					674

<210> 156

<211> 671

<212> DNA

<213> Homo sapien

<400> 156

ccttttagtga	acacctttat	ctccatgtcc	ctcttagagc	ccagagagct	gcccataggc	60
attttccaga	attcctcatg	tcacctagtt	caattttccat	taactcagat	cagccattgt	120
gattcaccat	ttgtcaggct	ctcagggtta	acaaaaacct	ctatcaccat	catccttcaa	180
cagccacagt	ctgaattgag	ccaacatttt	tttttctttg	agaaaagaagt	gggctggggc	240
acaactttta	gtctgagggg	agctagtagt	cggttgaca	attaaagcca	tccataacaa	300
cttttcctca	aatgtgttga	ctcctcaggg	gctaaactgc	tcttagctta	gaattatgct	360
ttactagaga	tctaccatat	aagtgggtta	atcactacca	tccgttaact	agttatatag	420
cttcagaca	tgagggagac	atcaaacagg	gatggaagca	acccaagga	tatgcaagaa	480
gggcatgatg	aaccccttcc	cctctggcag	gagaacaagg	ccaaccaagg	gacagactgg	540
aaagcactta	gatgtttaag	gaggagaaaag	gggaagcttt	gaccagtcct	tgctttttgc	600

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caagttcagc cagttotccg ctgcttgcaa cctctagcgc agtaacattt tgcagaattg 660
cagattttcc c 671

<210> 157
<211> 474
<212> DNA
<213> Homo sapien

<400> 157
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taacattttt gacagtttgc aaataccgcc ttgtatttct gattcagcct tattcaaagt 180
atcataataa aatattttatt aaatstatgt tgatctgcgt gcatttatga tctccagatt 240
aacgttaggc ttctctgttg ggcctaact tggaggtgct tttttggatc cctcctcccg 300
tgattcattg taatttcatt tcccttgctc tggctctgac cagagaagat tctaaatatc 360
tgccccaaa gccaaaatta tatcttttga aaagtgaat gaagagttga gtcastaatt 420
tatttttagat attactgcct aaaacaattc cccaaaattt atggaagttg gagg 474

<210> 158
<211> 584
<212> DNA
<213> Homo sapien

<400> 158
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agtgccaaagt ttagtcaatt taccctacct ggaatactat atacaactct gggctctcatg 120
tgtgttaaaa tacatacagt gaagctgagg aagagccact gaagtaaaaa gtattgttta 180
caagttggaa aggatgtaaa aataatctaa agtatactaa gtcaggaata aaaggcagag 240
ttaataaaat tgtggctggg actgatagac gaaacagata tattttctaa atcctggaat 300
aattattaaa aaattttaca tgtatcaatg gattccagac tccatatttt aagtttcaca 360
actactgtca tttaaaacta taccttattg aacgtctccc actctcaata aattacccca 420
aatcactctt ctccaaaacg taaattttgga acacactgac ttacaaattt tgggcttaat 480
ttataggatg ttgtggccct caaaaatatc attgtgggct aaacaaaata aattcttgaa 540
acaattctaa aaatcaatca ttgtccaaaa tgaacttttt ctaa 584

<210> 159
<211> 671
<212> DNA
<213> Homo sapien

<400> 159
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agatgaacca atccattgga agattactaa aattgtatct tcccaatgcc tcctacagta 120
agatttcttt ataattataa cccttggaaga caatttgaac tttatttaaa tgttctgctc 180
aaatctaaat ttccttctcc taggctgaag cctgatctaa ataaggaagt agttgggata 240
tatccacagg ctgtcgaaca tggagctgca tctgagagac aggtggcagc aacccaaaagc 300
aaagcagggg ctgagaacag gcaggttcca agagcaaaat ggaacttgaa agccaagtat 360
ggttactgt aaaggagaaa atatagaaat acggaactag aacacctggt ctgggatgtg 420
gtaagcacc aaatatagga aaactgtat gaattcttgt gaagcagtaa actatgatag 480
taatcatgtg acacatatga taacaaactc aaacagggga aaagaggggc tttattcaat 540
gctggagata agtgaaaaaa aaagtgaagt gtctcaagga cagaagtat catctcaaaa 600
aggcatatca gctagatctc gcggaaacca tatgattatc ataattctag actctgttcg 660
gtattacaaa g 671

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<210> 160
 <211> 315
 <212> DNA
 <213> Homo sapien

<400> 160
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 atgtcataag gattttaact ttcattgtaac ataattgctg taaaagtttc cccagtttgt 180
 tttgtgctat ttaccctggg gttaaaaatgt gtaagaattt acatttttagg tatgttaggt 240
 ttattccttt ttatatgggt tctgtttgaa attttgattt tagaagacat tcattctcaa 300
 ggtcataaaa cacac 315

<210> 161
 <211> 607
 <212> DNA
 <213> Homo sapien

<400> 161
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 aaactgtaaa gtgcattata aacagaggga tttaccatag aggttctacc ttgatgtatc 180
 aagagaagcc ttttctggaa tctggtgcag ccttggtgaga tgctgttagg taaggggact 240
 ccttggtaga atttcttaca tttgtgtaaa aagttctggg tcttgagtaa ttccaaagaa 300
 gatgctatga ggagttcact gtgcctttga tttgatccca atgggtcaga atatgttttc 360
 tcattcagta ggctactaca ggatttgaag tagaaaaaac aggttccagt gaccttcacg 420
 ggatcctaga tgttcatgaa tttcaatcat ttgagattgt ggggtgtggg ccaatgctgc 480
 tctcaaaaag atgttgcctt tcttcasaga gcattaataa ctaaaaaatc ccttgggtccc 540
 aaattttattg tgtgtmtctg aaggctttta ctgaagaaat gaaawgcaca ctcatggaac 600
 aaactaa 607

<210> 162
 <211> 443
 <212> DNA
 <213> Homo sapien

<400> 162
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 ttaggtccta ttcataatga aagtagcatg tttgtaacct gttactatgt ggagagagaa 180
 gcagttgcct gccacaattg aagactacct ttcaaatagc aaaagagaga gagaaggctg 240
 atatttcggg ctttttaaata aagattttgt tgggtctgct tttactgtaa ctgtcacttt 300
 cccagtgaat atgatttcat atacatttga gggctttaca sgtatgggta aagttctata 360
 aattgcaaca aaatgatacc caatttcat ttatcctttt tgtattgtga aactggaaac 420
 tttatgacat tgtaaattat cag 443

<210> 163
 <211> 686
 <212> DNA
 <213> Homo sapien

<400> 163
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 agagaacaac taattgatta cttgatgctg aaagtggccc accagcctcc atatacacag 120

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<210> 164
<211> 706
<212> DNA
<213> Homo sapien
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<210> 165
<211> 427
<212> DNA
<213> Homo sapien
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<210> 166
<211> 124
<212> DNA
<213> Homo sapien
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<400> 166
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ttgg                                           124

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<210> 167
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 167
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 atggtacatt tgacagtttc tgaaacagat tattttttaa acttttttaa acctaagctt 180
 tatttttttc ctggttatta gacacacaca aaaaaataa aaagaggctg gg 232

<210> 168
 <211> 677
 <212> DNA
 <213> Homo sapien

<400> 168
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 atgcatttgc caccttattg cattttttaa atctttattc tatagtgaat tggatttccc 120
 aatctgccta agcaaaggca tgcccttcta acaagatttg cttagagcag aggtgataga 180
 aggaagaatc cgaagaccct ctggcatggc aatctgggag cagcacattg ttgatggagt 240
 ccaagtgagc acatttcaca caattcattt agtgacaagt gggcttgctc ccttttcac 300
 caggaaaaaa actactcaca gaccactgcc cagaatctgg aataagaacc ctcatTTTTaa 360
 ggtattcttc ccaacaaata aatatctaaa tattgaaagg gggcatatca gaaaacttaa 420
 aagacacaat aaccaaaaacc aaaaccctct tcaaaacaag taagcaatgt ctgtatttag 480
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 caagaggaac gaaattatta ataaaaataa agcttatttt tgtttttgct gtggataatc 600
 ggtacaaaac gtttccagat ctgagactta aatggatctt ttaaggtgaa aaggagaatg 660
 ccaggttcta ctgaaat 677

<210> 169
 <211> 635
 <212> DNA
 <213> Homo sapien

<400> 169
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 atattacaag agtttccggg gagaaacttt aggatatact cggtttcaag gtgtttatct 180
 gcctttgttg tgggaacaga gtttttgttg gaaaagtcgg attgctctgg gttatacgag 240
 gggccacttc tctgcttttg ttgccatgga aaatgatggc tatggcaacc gaggtgctgg 300
 tgctaattct aataccgatg atgatgtcac catcacattt ttgcctctgg ttgacagtga 360
 aaggaagcta ctccatgtgc acttcctttc tgctcaggag ctaggtaatg aggaacagca 420
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 catgcagaaa gagttctcgg cgggcgaaat caccctctgg tcaactcacat ggtacaaaaa 540
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 atgaggatga tgaagatgaa tgaaaaaaaa aaaaa 635

<210> 170
 <211> 533
 <212> DNA
 <213> Homo sapien

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<400> 170

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gagatgttgg	aaagcccttg	aacttggtcg	ttaggaaaca	tccacactga	agaggaacct	180
gactgtatgg	aaggtcaaaa	aggctgtatt	aattttacatg	caaaaagtca	cactagagga	240
atgccatata	agaatgcttt	tggtaaatat	acatgtttta	aagaggttat	atatcattaa	300
taaaaatatc	tagctgtgtc	gaagaccctg	agttatctca	attgttcacg	gttacagatg	360
gaactcttta	ttattgagga	gttccactct	ttccccatt	tgtcactact	acacttcctt	420
agtctttaa	acaatttttag	gctgggtgca	gtggctcatt	cctgtaatcc	cagcactttg	480
aaaggccgaa	gcgagtggat	catttgaggt	caggagttcg	agaccagcct	gga	533

<210> 171

<211> 568

<212> DNA

<213> Homo sapien

<400> 171

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ctccctgtct	ccttcctttt	cccccttca	caagcatttc	acctaacaaa	tttcttatgt	180
gcttaatccc	ctcttagaag	cagatgccaa	gatgggatta	agcacataag	aggtcctgga	240
ctaatacaat	gacaaaggct	ccccttgaag	catcacacta	aaaggaaaaa	aaaaaaaaaa	300
acctagccat	tttacattaa	ctattttctaa	aatatagtat	ttgcttccct	atttgctaaa	360
acaaaaatata	ctaaacatga	ctattccaaa	aatctgtagg	gtactaagaa	tatgaagaga	420
ttcactctac	ttcaggggat	ggagttgtag	tagaaaaggc	tttgtggagg	gaggggtggtg	480
tttgaaatgt	actttaaaag	ccatcctcaa	agcctcgagg	gctataacctg	gcctggtgat	540
tatccaagga	cagtccattc	aaacaggg				568

<210> 172

<211> 167

<212> DNA

<213> Homo sapien

<400> 172

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tttgcgaagca	tgttttcctt	ccatacttgt	ccctgatgct	gaagaggaag	ttacttcctt	120
gaggcacttg	ctggaaacaa	gcactttgcc	aataaaaaacg	agagagg		167

<210> 173

<211> 391

<212> DNA

<213> Homo sapien

<400> 173

cctcccaaag	tgctgggatt	acaggcatga	mccmccmcgc	cctgatgata	gacacgtttt	60
taactttctaa	aaatatatga	tcattgattgt	gtctgtggag	acttgcacat	atactaaatt	120
ttaamcaatt	agagatatatt	gttcattacc	acatttttggg	agtcattatt	tcctctatga	180
agagagaaaag	gaatttgata	caagttcaca	ggggcttcca	gtagattgag	actttttattt	240
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ataaaatgaa	aaaacaaggg	attaggtgag	gaacctatac	gtctctaata	tgcaaaatac	360
cacagaaata	atgactgktg	ggaaaattag	g			391

<210> 174

<211> 474

T0E0S0"92964B60

<212> DNA
<213> Homo sapien

<400> 174

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agtctccttg	gggatagatg	gggagatgga	aggacgatgc	ctgtcctacg	gggtcttggg	120
aggttaggga	tacacactgt	gagctgccac	aggctcaaca	gtacggatag	gggggtgctgg	180
aaccagccag	ggctctgata	accaagctat	gtgccccatg	cagaggaagg	ggtagtgagg	240
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cttacagggg	aagacgggga	ggaaggatga	actgtgtgcg	gtgatgttgc	agtgagtgtg	360
agtttgtgtc	cgctcgcttg	tatgagggcc	taccttttac	taactagccc	ccaactttca	420
ttatctcccc	tttttctgtc	tacccttctg	ccttttttaa	gtggcttgca	atcc	474

<210> 175
<211> 655
<212> DNA
<213> Homo sapien

<400> 175

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aaccatcctt	gttgatatct	ctgtactctc	cgaaagttaa	ttcgttatct	ggactccata	180
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agaagcttgt	atactgtcac	ttaggtagta	attgcaagag	ctggcattca	gacctcagct	360
gtgggactcc	tcaactccatt	ctctttcccc	ccactaggct	gctccttaaa	atacaatgga	420
tgcttgatga	acgcttgtgg	gaatcctggg	tggacacagt	tccttttcgg	ccaaaagcac	480
cttgacgact	tgtgaagaat	taatctggaa	aacttaacct	atctataaaa	acgtgttatt	540
aagggcaggt	tattcccacc	ccctttacca	aagaaaccgg	ccctgacctt	tttttactgg	600
gggttggtct	tgggcatttt	caacaagggg	ggaacagttt	aaaaattccc	ccctt	655

<210> 176
<211> 660
<212> DNA
<213> Homo sapien

<400> 176

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tgaactctgc	tccaggcacc	tggtcaaccc	tctctccac	ccactgcctg	tcacttcact	180
gactccagtt	acattgaaac	aattttcagt	ctaagggagg	atctttctacc	tttcagagct	240
gacctccgac	tttaagactt	gacaggtatt	tatcttgaaa	ccagagaggg	agctggagga	300
aaaaaaaaact	gagcaagcac	atcaatgcct	tttccaccct	tcttcacctt	ttccacactc	360
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taattaaaac	caactcatta	tgtatttttag	tgggggggaa	gggggggcaca	atcagggttt	480
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cacctccaaa	atattttatt	aaattttatt	tattacggag	gtgggtattct	tcctttggga	600
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<210> 177
<211> 459
<212> DNA
<213> Homo sapien

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<400> 177

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tgatctaatt	tccctgttca	cacaaacttt	actctttaat	ctgatgattg	gatattttat	180
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tggtatgatt	tttttttaat	gtatcagytt	gaacctagaa	tattgaatta	aaatgctgkc	300
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<210> 178

<211> 720

<212> DNA

<213> Homo sapien

<400> 178

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cccttctttt	gagatcccct	tcttaaaaagg	gtccattcta	ttaaccctac	cccatatcca	180
gttactttta	ctacctgctg	atctatcgct	acctgttcca	attcatggga	attacaggggt	240
gcaactgggac	aagagtataaa	tgatccaaca	aacataatgt	tgcatttaaa	aaaataagct	300
aaaagatact	gatgactttt	tataactaca	acatattcgt	ttgtgaataa	gaacatatat	360
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tctggagagg	atgggaagaa	aaaatgaagg	ctggcagtga	tgggtgggga	aatgcaacct	480
ccaaaattat	ctatctatat	attttttatta	aaaacaccca	cagtaattat	ggcaaagtgt	540
aatgggttgt	ttgtttctaag	gttttggata	catttaagat	ctcttgcttt	ctgggtacca	600
tttcttttct	tttcttttct	ttttttttca	aattaattcc	aaaagactta	tatctgctac	660
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<210> 179

<211> 427

<212> DNA

<213> Homo sapien

<400> 179

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ttgtaagttt	tctagtttat	gcacataaac	gtgttcatag	tagccttgaa	taatcttttg	180
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accagctttt	tgtttcattt	atctttttgta	ttgtttttgt	ttgtctcaat	ttcatttagt	360
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<210> 180

<211> 728

<212> DNA

<213> Homo sapien

<400> 180

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taactgctta	gatataatg	aagtaaaaat	gaaagttctc	cctttacatg	acccatcccc	180
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aatagtaa	aat	cctcaaaaa	tgatcaatga	ataattta	aatgatta	aaataaatta	300
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tggtaaat	at	tttataaaaa	tcaatgaatg	agctaaaa	ccattctatt	atttttttgg	420
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aatggtaaa	aa	caatatgtac	agcagtatcc	tatttttttag	aataaaaaata	taaatatgtg	540
ctcacatat	g	tggttggggc	atgcctagaa	accogattag	aacgggattt	tttcttacca	600
ccatttttt	t	tacctgggaa	aaatatggga	aaatttttatt	tcccttcttt	ttggttctaa	660
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aaaaaaa							728

<210> 181
 <211> 546
 <212> DNA
 <213> Homo sapien

<400> 181		
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actggttctg	aatgaaagga attaaacttt cagtcaagaa acagtctgca tgccgtaaat	240
tgaatttttc	ctgcaactgg aatgattggg taattctttt tgaacactgg cctttctccc	300
caagaacact	aatgaattgc taatattttt taaagaaaac tgggttttta attaggtaa	360
ctccacttcc	tcttattttt taatccctaa agaaaactgt taaaagggaa tggatctatc	420
acgccttttc	ttttaaaacc acctttttta aaaaggattt ttccaacccc caatttgctc	480
ttatttttaa	attttgaacg ccaaaagaag ggaaataaaa atttttccct taattttacc	540
ccctta		546

<210> 182
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 182		
ggccactctg	actgggtctg ctaattcaca tgctctttgt gacatacggc tctaagaggc	60
agaggctgga	agagaagtat gtgggtttgt ggatcaagat acccaagttt cagtcttgac	120
actgctatta	cttagtcagg tgaccactgt aacttcatct tgattgagcc tcagatgtct	180
cacctgcaaa	atggagtttg aaatttgcta tgggtgggtg tcacacggat taaatgaaat	240
aatgcctgtt	aagcgcttat ccagcactta ataagatggc cactgcatca taatgctttg	300
ggcacaagta	acacaacatc caaccctaaag ggg	333

<210> 183
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 183		
ctgaatttct	tggtctttat gtggcagtggt ggtaaaaaata tatgatcaga tttcactgtt	60
aagaaaattc	tttcagcaat acatgtagag tcaagtttct tgcattggata actgaacatg	120
tgggttatga	gatttttaaa aatgtctcgt gacaaaacttt acggaaatgc aacaatctgg	180
acatctagtt	ttgtctgaga gtggcgtgga tatgaagaac tgtgctgttg gtgctgatgc	240
cacactaagt	tttggcagtc acactcttgg ttcttcatat ttgaggagat gggatgggtga	300
ggaggcctgt	tggcttttatt ttattacgtg ccaccatcta gaatacagat tcttgatata	360
ttcatcttca	caaaggtgaa gctgcaaact cag	393

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<210> 184
 <211> 700
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 184

ccaggscawt	gaggaaaagr	gaaagaatwt	arrggstwt	caaataaggaa	aaraggaagt	60
ccaaattggt	ccntgttkg	ccagataacc	atgattgkgk	atntagaaam	cccatgwt	120
tcagcccaaa	atctccttaa	gctgattaag	camcttcagt	aaaktctcag	gataaaaaat	180
caatgtgcaa	aaawtcacaag	crttcctatm	cgamcaatam	cagmcaaaca	gagccaawtc	240
atgagtgrac	tcttattcac	aattgctagt	aagagaagaa	aatmcctagg	aatacaactt	300
mcaagggatg	tgaaggwtct	cttcaaagaa	gaactacaar	ccrctgctca	aggaaataag	360
agaggmcmca	agtaaatggg	aaaagcattc	tatgctcatg	gataggaaga	atcaatccc	420
tgaaaatggk	gatactgcc	aaaataat	atagattcaa	tgctatcccc	atcaagctac	480
cattgacttt	cttcmcgaa	ttnggaaaaa	tctactttac	acttyatagg	graccaaaaa	540
agaagcccw	gtagccaaga	caatcctagg	caaaaaagac	caamcctgga	ggcatcacag	600
tmcytgactt	cmaactatwc	taccaaggny	tmcrkgmcc	aaaacagcac	ggkacntggt	660
mccaaaccrg	acwtwtwgac	cmmcagacac	agaacmgagg			700

<210> 185
 <211> 192
 <212> DNA
 <213> Homo sapien

<400> 185

ccagyccttc	ttttaagtaa	gcgctttttc	aagctcattg	tagctacaaa	gtcaataaat	60
tggtctttgt	tattttttacc	tgaaaaggct	gttaaagggt	aaaatgacaa	actcaaattc	120
aaagggattg	gaggatttgg	tgtttatgat	ttctcagaac	aacaatctag	agaccaccag	180
ggtgggtttc	ag					192

<210> 186
 <211> 688
 <212> DNA
 <213> Homo sapien

<400> 186

gtgctggaat	tcgcccttag	cgtggctcgcg	gccgaggtgg	gatatttctt	ctggatagat	60
ttcagatagg	tagttccctc	aaataagatt	atatgggttt	gcattttcaa	ggcagagttg	120
tatacttcct	gctctttatt	taaaataaaaa	aacttgaaaa	tctgttctgc	ccagtattgt	180
aagcgctcag	gtacaaaat	gaatgaaaca	atctctgcct	aagtaacaca	agtatagggg	240
caagattctc	agtaaaaattc	tcacgtgaaa	tttgtaactc	actagacact	atcaggagat	300
caataattat	gtaattaaaa	aaaataatta	cctgccaaac	tgggttcttc	tttggcactt	360
ctgcttggtt	ttaagacaat	tctcacatag	aagcttatta	ttccccatta	gtcattccat	420
agatgtaaaa	ctggtagaaa	caggacttga	attgaacatt	ctttacaagt	aagttatata	480
gcttctgaaa	aaagggcttg	aaaaagcatt	tttggggact	ataagaacct	tcaaatgctt	540
tcccctctta	acaaacctta	aaattatttt	gaaaataatt	taagggggct	gattttctct	600
tgtcaaaatc	ttgaacccca	cttaccaggt	ggttggtcaa	accaaagttc	aaaaaaaaagc	660
ttctggcctt	tcctttatcc	cacttgca				688

<210> 187
 <211> 779
 <212> DNA
 <213> Homo sapien

<400> 187

gcaaaaaaca	gatacatttt	cagtgtttta	aaatgaacaa	gtatggaaag	gcttatacag	60
taactgaaaa	gtctcctttg	ggaagccaag	gtgggaggat	tgcttgaggt	caggagttca	120
agaccagccc	aagcaacatg	gcgagacccc	atctctacaa	aaaattaaaa	aatcagccag	180
gcatggcgga	catacttgta	gtagtaacta	catgggaggc	tgaggcgggg	ggatcacttg	240
agtccgagag	tttgaggctg	cagtgagccg	caacgcgcgc	tgtactccag	cctgggcaac	300
agagcaagat	gctgctctaa	aagaaatfff	cttttaaaaga	aaaaagtctc	cctcatagcc	360
tggtctacaa	aagtcctatt	tcttcccaca	aaaagcctct	ggtacctggg	gttagttctt	420
ggggtggaag	attactttta	aaaatagaac	tattttttta	gtatatcttt	tagggaactt	480
tagttcccga	agcttttaga	aatgggatct	tgaaaacaaa	agggatttca	atacctatga	540
caatgcttaa	agaattattg	gggcatttat	ttttcaatgg	aggggtccaca	aatcctttgga	600
aacccttggc	caattaccag	aagccacttt	aattttttgac	cgaaaatggt	tttaaaaatt	660
ggcttttgga	aaaactgtct	ctttcccca	aaatgaaaac	cttgaaaaaa	aggggaattt	720
ttaagggtgc	cccctcatta	aattttaacc	cctctgaaag	aaaacctct	tgtgacag	779

<210> 188
 <211> 394
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 188

ggcgamgtct	ggyccaccatc	atgcccttta	atcaactcac	acctgtttta	agagtgtttc	60
tgatttgacc	ttcatccctt	agtttactgg	cgttaaaaaa	agtctcagca	attttcatta	120
tttctcgtgg	gtctcattat	caaaccttta	cttatttcgg	catatttcct	ctgggcttct	180
tctagtttct	gccttacaag	caatgctggt	ctgtaaatft	attgaaacct	ctggaacatt	240
tcaccttttag	agatggagga	tgggaaggatt	ggyaccagaa	gagggctaag	atacgtytc	300
tgtcttngag	ctgaaagcac	agyctaactc	ccttcgtttt	gycgatgaga	aaagttgagg	360
ccagaaggga	ggtgacatgt	ttagagtcac	ccag			394

<210> 189
 <211> 681
 <212> DNA
 <213> Homo sapien

<400> 189

aagttctgac	tttggcttat	aaaacagggt	tattggctgt	ggctgcactc	aatatctaaa	60
aagttattag	gaagtgcctc	gttattgtca	ttaaagatat	ctaaatatgg	tagaccaaag	120
gttggtgaga	aacacatatt	atggactgag	ttctgtttct	tctgctgtgg	cgcacctaag	180
ctcaagcctt	cttctctctc	ctccccctt	ggccggcatg	gtatctgagc	tcacagacag	240
acaaggcatg	ttagaattc	cagatcatga	gcaccgtgct	gggatttagc	cctctccaaa	300
gtcaattctt	acagtccata	ctttgcttaa	atcctcagtt	gttgaggtct	gctctgctgt	360
cagtaatccc	agctataaat	ttcccccaaa	tgtggggcct	agataaagta	gaaggtggat	420
ggactcagct	tattttcatg	ggatgacagg	aactggaaag	agaaagggca	ttgaaaataa	480
aaagttattc	cagaatagca	ttaacctct	tactgttcaa	gaattaagaa	agcctactta	540

gaaatgaggg ccttgagaat gatacccaaa tatttgtctt tctaccaaaa aatggccttt 600
 ccaaatatct gctttcctgt tcccgaattg gctttttaag tagaattaag ttacctaaaa 660
 ctttacctga aggtgtgttt t 681

<210> 190
 <211> 839
 <212> DNA
 <213> Homo sapien

<400> 190

caaatacatg atttccattg gcatagactc ttctatagtc tctcaggcac accttatgac 60
 taataagaac actgtcttct agatataagc caagttttag gagttatctt ttagtcttct 120
 gtgttgagac tatgggtctt ccctgtgcaa agacttgatt agcaaatact atttgaaacg 180
 atcccaaatt catagtgcag ttgaccaccc ttctgatcaa ggggatctct gtatatccca 240
 tgaaagcttc ataggtctca ccctagatta agtgcttcac ttctcaagac agtgaacaga 300
 tggaagactt ttgtagttat cattatacaa ctgtgccctg tgtgttttat tatacaacca 360
 gagaactgag gcaactggctt tacctgtcag ctacgccagg ggtgtgacgt catctttctg 420
 acttgatcac acatgccaca ttgcttaata ttccaagctt agactgaaat aatcctgtgg 480
 taaaaaatTT ttgggggggct ggggaggtaa agaacaagg ggggaacttt ggaatatttt 540
 tattcattaa tcatatttcc cgaattgtat tttattttga aatgaccata agggacttaa 600
 atacgtattg tggttaaatt aaatggaccc aaatggaggt aagtaaacct aatgggacaa 660
 atgaataaaa ggtttatgac tgggagcatt taccatgaa cctccttaga agctatttaa 720
 cctttctttt ggaaagccct gaaggctggg aacttaaatt ttaaagacag tacctatttc 780
 cagaatcgct tccaaatggc catgttttaa agggccaaca ttttgggatg gccctgccc 839

<210> 191
 <211> 697
 <212> DNA
 <213> Homo sapien

<400> 191

ccatcctgaa tactgatttt ctaatggaac tctattcaat ggcgattgta aaacctgag 60
 gctccgttac tattatggag catactttca tctcattctc ggctattggg caatatgtat 120
 ctcataagat tttatcacat ttcacagatg aactgttaat tgattccatg ggtacgatta 180
 ggcgagatcc aagctggagc tgcagctctg agtcccataa attctttgtg cttctgtaa 240
 gaataaatct gtttttaatg caaattaaaa ctactggcag ggaatttttg ctoctagtta 300
 ttaaagact ggaaatgtgt aagtggagaa aggcaataac tgcagtaatc tcttaccgga 360
 ctctattata attccaaaca tacataatgg tgagaaaaac cgggaaggga agaattgtgc 420
 aatgtccact ctttgcccca aacataaccc ttaattttca tggcgggccc aaactgtgt 480
 aaaaaccaa atggtaccct ctatagcatg caacttttat ttcactccaa acgaaaaatt 540
 attttgacta tggcttggga aatccattag tagaagaagt tttataacct ataggaaccc 600
 ggccatttca tttctacaa atcacaggaa ttttagaatg ggcaaggaa ttacaggaag 660
 acttgcccaa ttatcttttt ttgggggact aaaccaa 697

<210> 192
 <211> 687
 <212> DNA
 <213> Homo sapien

<400> 192

ctggttacta tagctttgta gtataattta aagtcaggta atgtgattct tccagttttg 60
 ttatttctgc ttaggatagc tttggctatt ctggatcgtt tgtggttcca tataaatttt 120
 aggatagttt tttgctattt ctgtgaagag tgtcattggg actttgatag ggattgcatt 180
 gaatctgaag attgctttgg gtagtatgaa cattttaaca atattgattc ttccgattaa 240

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tgaacatgga atgtttttcc tttattttggc gctctcttta atttccttca tcagtggttt 300
ataggtttca ttatagagat ctttccttct tttgggtaat tcctacgtat ttaatttatg 360
tatcgctatt gctaaatgga atgacttttt aaatttcttt ttcacattgc tcctgggtggc 420
atattaaaag ctactgatgg atgggtgattt tggattctgc cactttactg gaattgggtgg 480
atcagttcta atcgttttct tatgcacccc tttacggttt ctacatgtaa gaatatatca 540
ccttcaaaca cggataattt gacttcttcc ccatccaatt gggaggccct ttatatcttc 600
tcttggcctg aaggctctac ttaaaacttc ttatcccttt gttggaataa cagtggggac 660
aatggacat cccttgtcat ggtccca 687

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<210> 193
<211> 493
<212> DNA
<213> Homo sapien

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<400> 193
ctgctaaaat gatgttgcta aagcattcct ttttcttttg attaaacttc atgtttacaa 60
aaaaattaat tctagcagaa taacgaatgg ttttgttttc tagttctctg ctgaatgaac 120
agttttgcca attatcttca tagagtagtg atataatgaa tgcaacctca aatgcaaacc 180
aaccaattca cagtccatac cccaatcact tccttcatca gcctcaaaaa tcgctaagtg 240
aaccagtaga atgggttttg agcagtaata ggaaagcaaa tagaaagtca agggggactt 300
tcaacgccaa caagaccaat tcagatcctg atctgactgg tttctaatac aatctctttc 360
cagagtaatg gagcatgagt ctgccacaca gaactttaga gagagtcctt tatttcaaag 420
actgtaaagt tggaagaatt cattcatctg caaagtcaaa tgtcaaaagt tgtgcttccc 480
actcctcatc agg 493

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```

<210> 194
<211> 424
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

```

```

<400> 194
cyagggcant tna gcangas aaggaaatan mggggattca attaggaac wraggakarw 60
caagttgtcc stgtmtgcag atgmsgtgat tgtatatcta gamcacccca ttgtctcagc 120
ccaaaatctc cytaagttga taagcawctt cagcarmgtc tcasgatscr acmtcwatns 180
gcraaantca cmwgcattct tatacaccaa tawcagacaa acagagagcc aaatcatgag 240
tgaactccca ttcacaattg ctacnmaaga gaataaaata cctaggaatc caacatacaa 300
gggatgtgaa ggacctcttc aaggagaact acmaaccact gctcaaggaa ataaaagagg 360
atmcaamcaa atggaagaac attccatgct catgggtagg aagaatcaat atccgkgaaa 420
atgg 424

```

```

<210> 195
<211> 229
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

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T0E050" 92964860

<400> 195

tgaacaccct	tnggaaggaa	cctgctcgna	tgtannanaa	anggaccgga	cagtctgcta	60
aaatcgccct	ctttagacgc	ggcgcgccgg	ggcagagttt	ttctctgggtg	ctttgacctg	120
tatttggttt	aatggttttg	tcctaattctc	ttcaatcaat	aaaattgtgc	gtattttaact	180
aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa		229

<210> 196

<211> 557

<212> DNA

<213> Homo sapien

<400> 196

gcggtggctc	atgcctgtaa	tcccaccact	ttgggaggct	gaggtgggca	gatcacttca	60
agttgagagt	ttgagaccag	cctgggcaac	ataacaaagt	gagatcttat	ctctacaaaa	120
aaattaaaca	aacaaaaaaaa	caaatcaaca	ttcatttgca	gggctctttg	gtcttcttaa	180
agaacaaaca	tatgaaataa	ataagctgat	tcttaaagat	aacaaatata	atgagctttc	240
tcaactgtaa	aagcatctct	aagttgttct	atcaatgcat	atccactcca	tgaactaacc	300
tgaagaaagt	gttgaccatt	ctacccaatt	aactgtaaac	taagattgct	ttaatggttt	360
gcctaaattt	gagtaccctt	aaatttttgc	tttttatcca	aattcattct	cccttcttca	420
aattaaatag	ttttgttaga	aatcggataa	gcaagatgta	cttttttagaa	agggcaatag	480
aatcctacaa	catgctagaa	tttgaaatgt	ttttttaaat	cagtmmtttc	tctatgctag	540
taactaagaa	aattata					557

<210> 197

<211> 624

<212> DNA

<213> Homo sapien

<400> 197

ttttactacc	tatatttaaa	atgatccctg	acgcccctca	agacaaatat	attaattttt	60
ttactttgtg	ggatagagat	cagaaaaaga	gtagagatga	aaatactgga	gaaacaatgc	120
aggagatatt	tatgaggtga	gaatgtcaag	aaacttgtaa	agggagaata	ctataatgac	180
ccctgaagag	agagcttttag	accagttgag	tatttagagg	tgccacgtgg	ctattcatcc	240
actaataaat	acaagaaatt	actaaaatgg	aagccactgg	aaatatgttt	tgaggaaggt	300
gagaatgtgg	acctattata	aatgggtgaa	tatgatttct	ttctcattaa	gttcataaat	360
aactttcaga	catgtaacag	tttatgaagt	gtgccgtagt	catttagtat	aagttttata	420
cacaaaagtg	tttttactaa	gactgtcaca	ggttcttttg	tgaatcttgt	ttgtttttcc	480
tcattgtaaa	tactgcaata	gaacatttgt	gtcttaacat	aaggcaataa	atgaccttaa	540
gaaccttcac	ttttatatag	aaagtggagg	aaaagtgggc	agagtaattt	gttgattata	600
gataaaagct	cttgtagaaa	ttgg				624

<210> 198

<211> 175

<212> DNA

<213> Homo sapien

<400> 198

tttttttttt	tttttttttt	ctaacactta	tgcattttatt	ttcatgtgta	agaagaaaaa	60
cgtaactagc	acgtgaacat	gactgcatgg	atacacggct	cagcacgagg	ctaaagtcag	120
aagtgagtga	aagcaaaacc	gcatgtttgat	ttaagtga	taacagaaca	gaaaa	175

<210> 199

<211> 871

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<212> DNA
<213> Homo sapien

<400> 199

ctgttgatca	atgatgagct	cccaagagta	accagcctct	atatagtcag	catcactggt	60
ttctcaggaa	aagcatcacc	attgttcac	ttgctgcaaa	atgtatgcac	aagtatcttt	120
ttatttttaa	aaaagccctg	acattttatg	actgctgctt	ttctaagata	ttttcaaata	180
tacagtccat	acggttcaga	cacaatggac	tggggataga	gacggctata	gtgccgataa	240
tggagaaact	agccagagct	tcagatat	gttttccagg	acatctcaat	aattgggtac	300
acctcacaat	atgtgagact	tgacgtcgag	tggcacggca	tactctggcg	caggcacttg	360
ataaagactg	tgtttgcaaa	tacttagcct	gcacttcaag	ataccaggca	tctaagcacg	420
tcccagatgg	tgacagttaa	tcttcaaaaa	accctatgtg	gaagtattat	cattgtcctc	480
attttacaga	tgaggaaaaa	gagacacagg	gatgtcaata	tcttcctcaa	ggtcacacag	540
caagtaagt	atggaacagt	ggctcagcca	tgaagctatt	gctgttaacc	actaggttga	600
tttgccctca	ttaatttctt	cctaaaaactg	cacatttccc	gttagtccct	ctttttggtc	660
tgtcgtttga	ctcttggtta	ctgcttagag	gaagattcat	tctattattt	tctaacttag	720
taaatatgtg	caactccttg	gggacatgac	caggcaaaag	ctggatacag	aaatgtatgc	780
ccaaacacca	tcccaagtta	cccctaacag	gtcttttctg	gaccctgttt	gtaagggggg	840
tatatttga	aaaattttta	aaattttctg	g			871

<210> 200
<211> 737
<212> DNA
<213> Homo sapien

<400> 200

gacattttga	aggtaacagc	aatatctgtg	tatagatggg	gttggtggtt	tgttatttat	60
ctgctattgc	tgaactatcc	tttgtcttga	gcgataaaag	agaagtaaaa	tactaaagaa	120
ctgaactgtc	catttctgga	ccatgagtaa	agatgctggc	tgtcaaactt	cctgttcata	180
cattagttta	tttatagagt	gtactctcta	tgtaagggtat	tgactgataa	tgttactttg	240
acttcagata	gcttgcagtt	taatggagga	agaagacaaa	catgcaaata	actaggtcaa	300
tgaggcatcc	tttgtgttcc	attggaagct	aggctgcttt	gtaaccttgt	taatttctgt	360
ggttttgag	tgcatcatt	agcaaataca	ccccttgttc	ttatccattc	tctgcttttt	420
tctttatttg	gcatttgatg	acattttttc	atgtggggaa	attgagtcag	gtgagggtga	480
aagaaaataa	ggacacgaca	ctaaattctt	tgatgttttt	ccttaaaaaa	ttgtttttca	540
agtgtcccat	aaagggttgt	gaagttttaa	gagccatagg	acttggatta	ttgtgaaaga	600
gtgtctctag	ggggccaggt	taaaccat	caaggactct	ccttctctca	tctcccttgt	660
tccaccagag	gtggcgaccc	ccaaaaagca	caaagcctcc	ctttcttcat	gggaagggtga	720
aggaacggaa	gggaacc					737

<210> 201
<211> 493
<212> DNA
<213> Homo sapien

<400> 201

tctagaaatg	cagcttttat	ttattacccc	atctctttca	agtccttgga	aaataacata	60
ttaagggtac	aagaaattaa	cacatgatgg	aaaagtcatt	gtgacgcaa	tgaatttcat	120
tgagtataaa	ctcatctact	tcaaatttat	tttataacac	aacctaat	actcaagata	180
attattta	ggttagctct	taagttgaat	tggtctacat	aatgcgtggg	aagaaaacca	240
gatttttagc	cttcttgcca	aatccagacc	tctggttgat	ttttctttga	cagaagatgc	300
aagttatttt	ccaatttcac	aattaaatgt	atttaacatg	aacattattt	tgcttttaaaa	360
actataaaca	ttgtaggaga	attatagcca	gtcttcagtt	ataaccactc	cacctctctc	420
actttctctc	tctctctctc	tttttttttt	gctatgggat	ttaatgggaa	aaatatgtaa	480

aaactgtcac taa

493

<210> 202

<211> 283

<212> DNA

<213> Homo sapien

<400> 202

cctttttatc	tcagtgcac	cgtccgggga	cgcaggtggt	ggtgactcaa	ggctagcctc	60
aaagggcagc	cccacctcct	catcctggac	cacagagacc	acctgcttgg	cgcgcgcgtcg	120
cttttccgag	agggtggctg	actccggggg	gctgggggctg	gggctgccgc	ccccgcgcgt	180
gttgctgtac	tcctcgcccc	agtcgatggg	ggctgccctc	ggacagcagg	tgcaggttgg	240
gggcactgtt	acgcaagacc	atgctgcccc	gagaggtaga	tct		283

<210> 203

<211> 713

<212> DNA

<213> Homo sapien

<400> 203

ctgcttttgc	gcaaggtgcc	actggacgag	cgcacgtctt	tctcggggaa	cctcttccag	60
caccaggagg	acagcaagaa	gtggagaaac	cgtttcagcc	tcgtgcccc	caactacggg	120
ctggtgctct	acgaaaacaa	agcggcctat	gagcggcagg	tcccaccacg	agccgtcatc	180
aacagtgcag	gctacaaaat	cctcacgtcc	gtggaccaat	acctggagct	cattggcaac	240
tccttaccag	ggaccacggc	aaagtccggc	agtgcaccca	tcctcaagtg	ccccacacag	300
ttcccgctca	tcctctggca	tccttatgcg	cgtcactact	actttctgcat	gatgacagaa	360
gccgagcagg	acaagtggca	ggctgtgctg	caggactgca	tccggcactg	caacaatgga	420
atccctgagg	actccaaggt	agagggccct	gcgttcacag	atgccatccg	catgtaccga	480
cagtccaagg	agctgtacgg	cacctgggag	atgctgtgtg	ggaacgaggt	gcagatcctg	540
agcaacctgg	tgatggagga	gctggggccct	gagctgaagg	cagagctcgg	cccgcggctg	600
aaggggaaac	ccgcaggagc	ggcaccgcag	gtggatccag	atcttcggac	gccgtgtacc	660
acatggtgta	cgagcaggcc	aaaggcgcgc	cttcgaagga	gggggctgtc	caa	713

<210> 204

<211> 275

<212> DNA

<213> Homo sapien

<400> 204

gtagacaagt	acagcagatc	cagacaccag	atctagctag	gctaaatgta	cagtatctaa	60
cttgatctga	actgaacctg	tattccttga	tgatgcctaa	aactacatcc	atagaattct	120
ggtgaacctg	taatacagtt	ctgaaagtac	agttttatat	aataagatgc	tgatctcttt	180
attctttcaa	gtaagagtgc	tagagaacaa	attgtgttac	ttgccttggg	atttattgaa	240
cgtctggaaa	atgctgtctt	cctagatcca	aacag			275

<210> 205

<211> 694

<212> DNA

<213> Homo sapien

<400> 205

ctgttcctgt	acattttaact	gaaaaaaaaag	taacttaaaa	taatataaaa	atagcactca	60
tgtatgtcct	acagttatag	gtgaaatttg	atattgtttg	tcttacatag	catacctata	120
gacagcttaa	gtaaagtgc	tgtaagagg	gttatgctta	ttgatgaact	ctttagttg	180

05849626.050301

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cttaccagct ctgttagtat agttaaatg atctcagtag cttcaagtat ttataaaatg 240
gttgaagtcc aaatacatgt gataattaca atacactttg aattaatgga ggggtgggagg 300
ctagttgaaa tgcattttat ttacccaagg agtatgttaa aatgatagtt ataaatgttg 360
gaagttttaa gcaagatact cagtttagtt ctttacaat cataagaaga acaaaattag 420
atgttgacat tgctatttta ggctgtgtgt tttccatatg cttcttgctt tccctgtcac 480
aggtgggtggc agcaatattg gtgtgattga ggttatgctg gcaccactcg cacacaggcg 540
cacaatgggtg ttagctgggc agaaagagtg gcatctctgg ctaccgggct gggggcgacc 600
tttaccatag gatgaagtaa ccttgcattc ggctgcaagg tgtactgtac cgtacacagg 660
tgctgggtcg atggccactt tctgcttttc tttc 694

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```

<210> 206
<211> 704
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

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<400> 206
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ctcaggggat ttgcccgcct caccgaattc aactttcgta agtcagtatt taccatctaa 120
ctcagtgtcc caaaatttaa aatttccttg cactttacag caaaaatata tattggggct 180
ctactgaagc aatatatata tgtcaaaact aaaaatcaga aaagcaaaag ggtccattca 240
acatatagca gcttatattt aaatatgtac aggtatgtat gttttcacag ttagatcttt 300
aaaaaaattt atatttgata tgttcaaaaa tacttctatt ggctataaat aatattttta 360
aagctcaact gatcaaaatg cattccaaga acatatcaaa ttaaataaat cttctacgtc 420
tttaaaaaca gataattgaa gtcagtaaag cttgaggttt gtgttaagtg tattctgtca 480
gtccctacta ctagggaagg cagaatcttc taaatacgat acgaaagaaa ctcccaaagc 540
ttggaaggaa tcggcagctc ctgaactttt tggggggggc atccctcttc gggattgaca 600
tgcgacataa atgttgcaag ctaagggacc cccccggggg gagtgggccc caaaaaaac 660
cacaccttcc ccgtcaatgg tggccccccc accaacctta aaaa 704

```

```

<210> 207
<211> 225
<212> DNA
<213> Homo sapien

```

```

<400> 207
ccattttaac tgtactgcca atagaattct ggaattgtgg aaaattgtat cattgaagtt 60
cagtaggatg tgtggcttaa aaatttatca ggaccacaaa aaagaaaaca aaaatatttg 120
gtactgaggt tcattgccag ggcaggaggt atttccagaa aatactcatg cctgtgttct 180
gttccttgct ttccaaata ctgcatgtga ctttcctaag cggca 225

```

```

<210> 208
<211> 678
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

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<400> 208

cctatatcta	tcaaaaaaaaa	tccagttcct	aactaataat	ctccccaaaa	gaaagcacca	60
ggaccagatg	atataaatgg	caaatttttt	caatcattta	aggacaaaaat	aataccaatt	120
ctgtatcatt	tcttccagaa	cacttcctaa	ctcatcgtat	gaggccagca	tcactcta	180
agcaaaacca	gataaagcca	ttacaagaga	gagtgcagca	ccaatgtggt	tttattgagg	240
atgcaaacia	aatttaacat	aatattttaat	agtgaiaaac	tggatgctct	ttccctaagt	300
tagagattaa	ggaaagaatg	tccccttcac	tactcccata	caacacctta	ctgaaaattc	360
tagctagctt	tataaaataa	anaaaaacca	naaaataaaa	taaaagggtg	acagactgga	420
agatacagtg	aaggaggaag	aaataaaaatt	ttctttgctc	ataacatgat	tcttctatgt	480
ggaaatcaca	gagatttgaa	catttttttt	ttttgagaca	gtttttgctc	ttgttgccca	540
ggttgagtg	taatggcgcg	atctcggctc	actgcaacct	tcacctcccg	aattcaagg	600
gattctcctg	ccctcagcct	tcccggagta	agcttgggga	ttaacagggc	atggcacccc	660
ccatgcccc	agctaaat					678

<210> 209

<211> 720

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 209

attattttga	accctagcat	ttagaaatga	aaaacttttt	ataacaatca	aatacatgat	60
aaagtatgca	aagagtagga	aattattctg	atgacatatg	gagggttaca	aaggagaaaa	120
ctttttgcta	cctctgataa	agaatagact	aaattctcca	agaccaatct	gactggtgtc	180
ataataaaag	gaggtaacaca	cggaaagcaca	agggatgtgt	gcctctggag	gaaaggctag	240
gtgaggactc	agtgagaaga	caagccaagg	agccaggctc	tggagaagt	caaccctgtt	300
gacaccttga	tcttggaacta	accctgtgga	caccttgatc	ttggactttt	agcttccaga	360
actgcnagaa	aataaaatttt	tcttggttaa	gccaccana	gtgtantgtt	ttgttatggc	420
agccctaaca	aattaaaatt	atattttaac	agagaatata	aaattcta	ataacatttt	480
acagtaaagc	attcatgggtc	ttttttttct	tattaataaa	tccatcaaaa	cagaaagttt	540
tgcaaaattt	taacacatttt	ctctaccact	actgtttcta	ctctcttaaa	actactccgc	600
aaatataaaa	atagaaggcc	aaaatgcac	attaaaacga	tgtttgggga	ctaattggcct	660
taaaattcta	ttacacttgg	aaatatacaa	atattcaag	attatctatt	gatcacctca	720

<210> 210

<211> 277

<212> DNA

<213> Homo sapien

<400> 210

tccatgtatt	tttatacaga	atggaacaat	atgtatgtat	gcaatyktta	cattccacca	60
tgaaataaaa	cagtataatg	aaaataacaa	tagattcaaa	caatgatatg	ctattttttt	120
ttacctatga	cattggcaag	gtcttcttaa	aaaatctgct	aataaccgat	gttgagaga	180
tcattgggga	atagccactc	aaatgttact	catgagagt	tacatatgtg	taacttcact	240
tggagggcaa	tttgggtgata	catttaaaaa	gttttgg			277

<210> 211

<211> 715

<212> DNA

<213> Homo sapien

<400> 211

gtggtagaaa	tactaatttt	gcaattacag	aaaaaaacaa	atgccattca	catggttyct	60
aacaaaaagt	gtctgaccac	ccccaccccc	caccctcaaa	aaagccctta	aataaagagg	120
aagatcaaaa	gaaaaacaaa	taattcccga	gtttcacctc	atacatacaa	tatagcacag	180
gaagtggcaa	agttttaaata	aatgccttta	ctgttaggac	tagtatgctg	tcaaaagcca	240
caatcctttt	gttttagtga	gttgattttc	aatagaaaaa	tacaaatgaa	catgtgttta	300
agttccaaca	tggattgagc	acctctgaat	ttagtatcaa	atgattaatt	ttatttttca	360
gatgtcaaat	cttagtataa	aattttccat	tattttaaac	ttcacttgaa	tctttaaaaa	420
agctgtctaa	attgtactat	atgagttcag	tttaatcttc	tgtaaaatgc	taacaaattg	480
aactgtcagc	agtcttttaa	aaaaaaatgg	gggctgggtt	atttctagaa	gaactctcat	540
taagctttga	aaatcagaaa	tcagagacaa	ataacttcag	atatagacta	gctccacaag	600
caaattttata	caattatctg	taacagtcta	tacatatatg	tgtatatata	tataccgtaa	660
ccactttcat	aggtaaaaaa	tattaacttc	atgtcacact	atgatcagaa	gtata	715

<210> 212

<211> 717

<212> DNA

<213> Homo sapien

<400> 212

agcctcccc	aatgccttaa	aaggtcacag	tagatctcag	ctctgaacag	aaactcaact	60
gaaactcttc	ccacaaccca	gcagtagata	tattaaaacc	tacaattttc	agggatacaa	120
ccaatattta	attcttttga	gggttttgtg	tttaatacaa	ggacacaaac	acacgtataa	180
aatgacgatg	tcaatactga	ttaaacagaa	caacaaaata	agaagctcaa	attatcatca	240
gctatttgtg	atatctgaaa	taacaataat	gcacttgatt	ctgaaagaat	gattagagtt	300
cctactctga	aaatctaatt	gtcttgatgt	ggcgaagtga	gaagaaagga	tgatttttct	360
aatgaaaagc	atgtatacgg	gtagcccttt	gcgagattct	gtcaaaaacc	tgaattttgc	420
attagctggt	ttaccaccca	aacgttttta	cccaggatg	tgcagcaatg	ggaactctca	480
tacactgctt	gtgggaatat	aaatcagtat	aaccactttg	gaaaaccatt	taacattgtc	540
aactacagct	ctacacacaa	gtgctataac	caccctattc	actccagggt	atacacccca	600
aaaatatgaa	gtgcccattg	ctacccaaaa	ggccgcctaa	aaggaatgct	tttgagaagg	660
gttaaccttg	ttaattagtg	gcaaaaactgg	gaaaacaacc	cccaaattgg	cccatcc	717

<210> 213

<211> 599

<212> DNA

<213> Homo sapien

<400> 213

cctgttttgg	cgaggcagga	gggaagcggg	atgggagtgg	tggttaggcc	aagggtagtt	60
caaagcgatt	cagcaggatg	atgaccacag	gagtgtctga	gccgggcctt	tcagcccccg	120
tgtggatgat	gaccggccat	ccaggacatg	cgagggcttg	ggacagtgga	cagccagtgc	180
cacacaagga	aggaccgatt	aaatgacaca	gttaaaggaa	tttggcctag	ggagtgcagg	240
ccagaaagg	ttggtctttt	tatatatgta	acattggaaa	aaaggaacat	ctcctgttcc	300
ctgtattaag	ttttgacttt	agctcagcaa	atgcagtgtt	tgtggcagta	aatatactct	360
gataacaatg	ttctttccca	ggaatttaga	gttttatgat	ggttattgaa	aatgtttaca	420
tgacaggctg	tcaataatat	tttttgcttc	taaaaataaa	acatacataa	agtgtacgga	480
ttttaagtat	gcaactcact	gaacttttca	taccgtaata	caccacccta	gtaaccctcc	540
cccagttcaa	gatgtagact	gtttccaata	accctcatc	ctgttcctta	atagcccc	599

<210> 214

<211> 789

<212> DNA

<213> Homo sapien

<400> 214

ccttatgaca	aaccttgcta	tgccaaggat	atgcttcaact	atcttcatct	atcaaaacac	60
tatgcatcat	agatatctaa	ttttttcatc	tcttgcatga	agtctttcct	gatttccctc	120
tgctgaaatt	tctctcttca	aatgatgtgt	ttccatagta	ctttgtccct	tttcaaagat	180
atatctcaca	tcgcatattt	taccacagtt	agtttcatitt	cttaactctc	acactagatt	240
acaaagtcaa	tatagacaaa	gaaatgttca	accttatata	acctcctctg	cctatgctgg	300
taaattgcac	ctactatgtg	ttcaataaga	gcttgtcttt	ttcaatatac	aaaactttgt	360
aaagattaaa	gaccttgtag	aaagtcaaga	ggaagatagc	aatttcactt	ctaagaactt	420
accctaagga	aacattcatg	aagagataca	aggggttatg	tgcatggatg	ttcattatca	480
tattattctt	cattatgaag	attatgatgg	taataatgaa	aatgattatc	ttgtattggg	540
ccttatttga	agtcaagcat	tgagaatgta	ctttatctgc	attatctcac	tgagttctcg	600
tagcagccct	ataaggtaca	gactgttatc	taagcttaaa	aaaataaagt	taatgtccaa	660
ggtcaaacaa	ctagtataag	aagggggcta	ggaaatttgg	aacccccaaa	ggggcaacct	720
ctcaagggct	atgaatcctt	accattatta	taaggaagct	tggcccatgg	tggcccaaaa	780
aaaaccggg						789

<210> 215

<211> 765

<212> DNA

<213> Homo sapien

<400> 215

ggatgtctga	gcaggagaga	gaccatgtga	aggatggact	gaatggagac	ttgtatcaaa	60
gagctctgagt	atcaaagact	tgtattagag	aggggtgttg	tagtaatcta	gtcaggggtat	120
gagaaaagg	ttgtattaga	gtgtcaggag	tagtcgtggc	aaaaatatat	agatcaggat	180
gagggatggg	cctcatctca	caccctgact	ccagtcaatg	gcagtggctc	cctggagtag	240
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aggagttcta	tgaacagtta	gtggtgtctg	ccatggttga	aacaatggag	aagggggaca	360
ccttttctgt	gcagatgttg	cttctggtag	atataatcca	caatgtaatg	ggagaagtag	420
taagaatcac	taaattatgg	aggggtgtaa	agactactga	tatttaagcc	tgcggaaccg	480
acttagagaa	atgatagtta	aaggagaaat	atccagcaaa	caaagatatg	acattgaagt	540
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tgattttact	cttgcaattt	ggattgaggg	gtgggggaaa	ccagaaaggg	gctggggggg	660
aaattagtag	aaggtcacct	tgaattcatt	gtggtccata	tcaatgctga	aactgattgg	720
ggaacttttt	actcttgagt	ccctttgtaa	gggaacccca	gaaag		765

<210> 216

<211> 780

<212> DNA

<213> Homo sapien

<400> 216

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ttaaggggtg	ggtcagaaca	tgtaagata	acttactgta	tatgtattcc	cttgtatttt	120
gttaaagctg	gaacatttga	tattttttcca	tttattttatg	aaaaaatatg	aacctatttt	180
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agtcaagcac	atgtaataaa	ttcaaaaacct	gcagtttaaca	ggatattaga	catcaatcct	300
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aggctaaaag	gtottgcagt	ggcttttcat	ggcccttcaa	attggaatgg	aactactgta	420
ctttgccatt	tttctataaa	tcagtacttt	ttttttaatt	ttgatataca	ttgtgtgaaa	480
aaagaaaatg	gctaataaac	tgtattaaat	cttaaacaat	gtataaagat	tgacttagc	540

cagttcaaag	tgtatactta	ttcataatga	attataacag	ttatatttct	gtgttttctt	600
gtaaatgttt	cttttccctt	aaatacagat	aattcatttg	tattgcttat	tttattatga	660
gctacaacaa	aaggacttca	ggaacaagta	atgtattagt	atgggttcaag	attgttgata	720
ggaactgtct	caaaaggatg	gtgggttattt	taaatataaa	tagctaattg	gggtggtaaa	780

<210> 217

<211> 810

<212> DNA

<213> Homo sapien

<400> 217

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attcgagggt	ataggaaggg	ccctgtgaag	ttgatttaac	ttttggatgt	cagactgtga	120
aagctcctga	gaaacttggg	gtaataggat	cttcttttgg	ggatgaaaat	ggggaaggcg	180
tgaggaccta	gactacttct	ccctaggtca	gaaaaagaga	attaccctt	gacaaatatg	240
atacctgcta	ggtatttccc	agggaaattt	agggattggc	gtctttccct	agcatgtgga	300
ggaattggca	gacagcttcc	taagggcggg	gagcgggggc	ccaaggctga	cactgcttgc	360
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gatggatgga	gcactcaggt	tagacttggt	ccttctccta	tgctggagga	gagggatggt	480
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gaaagacact	tcattgagaa	attcttaagc	ttacagaaaa	cctatctctt	tgcacattcc	660
acataacccc	tagcaaaatg	caggttcttc	atacttctgt	cctttttcca	ttggaagaat	720
tgcttaagga	aaaattaatt	cctatattt	cccacaaaag	gttgggcatt	gctttgattt	780
taccccatgg	gggaatgtgc	ctttgaattt				810

<210> 218

<211> 817

<212> DNA

<213> Homo sapien

<400> 218

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gtggcttcca	agtaccggct	tttgctgaag	gtctacatgg	gaagaagagc	atcatttgat	120
attcagtaga	tctgccacac	ccaactggct	ccatctcctg	gaaaacagca	ctcactacaa	180
gcaactgtaa	tagcaccacg	caatgaccac	gctgctcctg	ctggctcttc	cgtacaccag	240
taaatgaact	caccaatgta	ttgcacacat	acatttcaca	gtagtacaat	aaagccctgt	300
atcaggagtg	gtaattcaat	gacttgactc	tatagtgcac	tgcagcttta	tgtcatacca	360
acattcaaat	attcaaatat	ccttccaatc	catttgagaca	aaaatacacc	atggctgcca	420
agacacatgt	atttttcttt	cttccatgga	ctcctaaact	gctcccacaa	tcagcagtgt	480
tcttctctca	gaaattatct	taagcttctc	tactcaatgg	gaggtacaca	cagagacctg	540
agaatatgca	gaggccagaa	tctctgtctg	tgctagagat	caactgtact	ctgccacct	600
ggggaacaca	tcctctgggt	aaagtactcg	gaagtaaatt	acattccctg	gagacagata	660
cgggctttca	ctgcagcctg	ttagaaaaca	caatgtctgt	aagttacctc	ataggtcaaa	720
gagttttgga	ttatattttt	cataatgggg	ctatggcctt	tttaccctgg	ttttaataca	780
gaaccacctg	cagaaaggac	attgaaatta	aaagcca			817

<210> 219

<211> 661

<212> DNA

<213> Homo sapien

<400> 219

ggatgctgag	gcaggaggat	tgagtcctgg	agtttcagga	tacagtgagc	tatgatcatg	60
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ccattgcact ccagcctggg caacagagca agattctgtc tctaagaaaa ggaaaaagaa 120
aatgaataga tagtgggtatt agatgttaat gacatcagtt gtttttattc tttattcttt 180
cttagaaaca gattagtttt ctcgaattaa agaactacca tttttctttt ttctacaact 240
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aatagaatag aaactgagac tctaggaaaa agatagacat gagataagga gtaggcattg 360
tagacatttc tagattattt atgaaaatgt tgtagaattc attttttttt ttgggtctgac 420
ctttggcaat ggtgctgagg aagggaagc cagcccatca ggcaaggctc tgttttctgc 480
attttatccc gtttgattct tctcgttagg attggagcaa ataatttcaa tatgttcttc 540
gctgggttta tcatagtgac ccttcattta aagggacttt taacaattga cttaaagaac 600
actgagatgt gatattttat tgggatttga aagttgccat tgggtttttac cttccttaat 660
t 661

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<210> 220
<211> 792
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(792)
<223> n = A,T,C or G

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ctgtgggtct tgcagacttc agatgttgga attattagtc gtggcaagng nncaaacat 180
tagctattac cattatgttt accaactagt gaagtgaact atgagaggat atattaacca 240
cagaagttaa tagaagaata gactcctgaa aatatctgga tgctacaaac taaaatatag 300
tatataatcc ttcatagagt gtcagtgaact tcatatttat aattacattt ttgtatatta 360
gcagtgttct agttcttact gccttatctt taagctgann nnaaataaaa ttatatattg 420
ggattcaaaa acacatagct aatgattact atgtggcagt gttacattac tttatcacat 480
atcattaaca taatctgcat gtgttcaaag agatcttcat acttctttgt agctccact 540
tctttgtcgt cttttagctg cccacaacat ctagaacagc acaaccgtat atggagaaaa 600
ctcagtctag tattcgttga atgactaatg gaaaatttag ttnataaaca gaactttctt 660
cattgnacaa attatcttgc agaagaataa tggccttagt ttaaaattat catatttacc 720
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ctttggcatt tt 792

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<210> 221
<211> 759
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

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<400> 221
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gcaaggaaaa ttctcagtga agactcctca gtatgaagga gataagcctg cacaatcagt 120
cactgataga tgcttagtgg aaaaacttcc aattcccatt tacagctctc agagctagga 180
ttaaaaaactc ctggtcataa actcatgtga tgagaagtta tagcacgccc tcattttcta 240
catanccact tgcatttatg gttggctttt gaacttgcta gaagggaag aagtgcaaat 300

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gtgtcctcct	tagagctact	ctcctcccct	tggtggggtt	ccagtttggtg	cattgtccag	360
atggcccagg	agctgacgat	caaagggaag	aagtcattgt	tgtcatgaga	atgctttgct	420
gcatcaggat	tcagtgaagc	tggtcaccgc	ctggagccca	tgacgcctca	agaggcagga	480
tgagagctcag	aaaccatcac	tgaggttaga	aagttagcac	caaagttgag	ggaagcccac	540
aggagtgagc	cgaagtgtc	cctttggatt	tccaaagtgg	gtgctgctgc	ttcttccatc	600
agccttgctt	ctgaccccaa	tgcgcttcctg	gtgccttctt	cttggcattt	tgctgtcggg	660
ggcccaagga	aaaaaattcc	tgcatggcag	tggtgaaaaa	agatggctgc	ctgctgaaac	720
ctgatttggc	ctgggtaagc	cttttgagac	cccgggttaa			759

<210> 222
 <211> 699
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 222						
ccttntnaag	agttggcatt	aattcttcac	taaatgtagg	agtagaattt	atcaggtaag	60
ccacactgac	ctctggnctt	nttnncgccc	gatgattttt	aattagttga	atccctttac	120
ttgttatata	tgtattcata	tattctgttc	cttcttggtt	ttacttttat	gattggtgcc	180
tattgaggtg	tttattttcta	gtttgtggta	cttcatgtgt	ttaggttttc	tagacagtgg	240
acatagaaga	ttcaagaagc	taaatgtagg	agaatgtnta	atgtaggana	ntgaggcnac	300
natacatca	atgaatgact	tgaagtttcc	tctgttgtaa	agaatgat	taccataact	360
gccatagnta	atattgatgg	tgtaagtcaa	ataanaaggc	aggaggaaag	ggacatccat	420
cactgaacca	canatcagag	nctcattgaa	gcctttgaga	agaatccaca	aaatttttaca	480
ggataattca	tttcctgcga	tcaccacnag	aagagaaaact	ggttaaacag	acagggtattc	540
cagagtccaa	aaatttacat	ttggtttcng	aaccaaagac	ctcagctccc	aggccacagc	600
aaaagggggc	ttatgaattc	cctggcaccc	agncccaaga	cccaanaacc	tcattcttgat	660
tggtttnggg	cttgggaaac	caaaaaacca	atgggtggc			699

<210> 223
 <211> 598
 <212> DNA
 <213> Homo sapien

<400> 223						
aaaaagagaa	agtttcagat	ttgccattca	aggcttat	atatatatgt	gtgtgtatat	60
aaatacatgc	acacacttgc	atacatatat	atTTTTggct	gggggagtg	gagttttgcc	120
tttctaaggg	agggaccgcg	caggctcctt	tgttctgtat	tctggcggag	atgggtcctg	180
gccttggtgc	actggcttat	ccttaaagat	catctcccat	cctccccagc	gccatctgtg	240
tgcagcaacc	agaaagggat	gaacttggcc	ctcttgccgg	cctggacaag	gtctcttcct	300
taccctttct	gttgccagtc	agcaacctgt	aactcacatt	ctcttcccag	tgaatccctg	360
ggagcgcctg	accctggtgg	gctgttcagc	ttcctgctgc	tggggccagc	aatTTTTgag	420
gatttatctt	taggccaggc	ttgcctcctg	acttatccct	gctctcccat	ttctctcttg	480
tttgagagag	aatgaggaag	caaagagtga	gaaagaatag	gggctgaaga	cgccactccc	540
agatggctct	ttctatcctg	ctcttctgtt	gaaacacacg	tgctgtgggc	ctcaggcg	598

<210> 224
 <211> 501
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 224
 aaacctttat gatgacttcc ttatgaatta ctgaacgaac actggaatgg gactcaggta 60
 tcctgaggac atctctcaac tctggcctta gttccccctc tgtaaaatta gggtgccaac 120
 taaatgatct acaaggtccc ttccagcgcc gccattctgt aattacatca tgtgtaactg 180
 tattaaacat acacaagtga ctgccaggca tgggaatgta acttccgagt aaatgctttg 240
 gtttgttcag aatacactat gaacttcttt ccaaagacgg gttgtggtaa atagtggata 300
 ttttgattat aagaaataga gtttccttga agcttttagct ggagatacag caatagtgtg 360
 gtgttcctac aaatatcaca gtgtattcaa acatattttt ctatcaaaaa tcatttttgt 420
 aaaagctgtg tgtttttatc caacttgtga taataaatgt tctttatttt agaacaaana 480
 aaaaaaaaaa aaaaaaaaaa a 501

<210> 225
 <211> 295
 <212> DNA
 <213> Homo sapien

<400> 225
 cctgtatagg gctcgtttcc ccacacatgc ctatttctga agaggcttct gtcttatttg 60
 aaggccagcc cacaccagc tactttaaca ccaggtttat ggaaaatgtc agggaaaaaa 120
 aaaaaaaaaa cacatgcact cacacaatac ccaaacatca raattagaag ggcataaaac 180
 aggggggcttt ataggctgaa aaatatctta ratttcaraa cagaatacca atcaaatatt 240
 gaaaattcct ttgttcaaaa cacaaagatg ttttgttttt aatggggagtt ttttt 295

<210> 226
 <211> 372
 <212> DNA
 <213> Homo sapien

<400> 226
 agattcctgg cttagagcat gogagcattg aaggaccaat agcaaactta tcagtacttg 60
 gaacagaaga acttcggcaa cgagaacact atctcaagca gaagagagat aagttgatgt 120
 ccatgagaaa ggatatgagg actaaacaga taaaaaatat ggagcagaaa ggaaaaccca 180
 ctggggaggt agaggaaatg acagagaaac cagaaatgac agcagaggag aagcaaacat 240
 tactaaagag gagattgctt gcagagaaac tcaaagaaga agttattaat aagtaataat 300
 taagaacaat ttaacaaaat ggaagttcaa attgtcttaa aaataaatta tttagtcctg 360
 atgaaatgaa at 372

<210> 227
 <211> 599
 <212> DNA
 <213> Homo sapien

<400> 227
 ggcccccgtc gcgggagccg cttcgggcct tctgggcatg tctgccatat ggctccaggt 60
 ttgtttttct ccccggcact ctgacgggga gggctcccgg catctcctgg catccgggta 120
 gaggacgcgg aggatgctga gctgctggcg cactgcagca caactagaga tgtacggatg 180
 ccccatctt gatcttacag aatcagaggt acagccgcga gaaagagtca agaacagaca 240
 gagtcgcttg aggactcagg aggggtgtttg ctgcgttgac aacagactac accctcacag 300

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tttgctctgc	tcttccaaca	ccagtgggaag	atgatcacat	cccagggatc	agtgtcgttt	360
agggatgtga	ctgtgggctt	cactcaagag	gagtggcagc	atctggaccc	tgctcagagg	420
accctgtaca	gggatgtgat	gctggagaac	tacagccacc	ttgtctcagt	agggtattgc	480
attcctaaac	cagaagtgat	tctcaagttg	gagaaaggcg	aggagccatg	gatattagag	540
gaaaaatttc	caagccagag	tcattctggaa	ttaattaata	ccagtagaaa	ctattcaat	599

<210> 228

<211> 343

<212> DNA

<213> Homo sapien

<400> 228

aaagtaaatt	gtatgaaaaa	ttcattttctt	caattgcatt	agccacattt	tgagtattca	60
tgtggctggg	agattctgta	ttagcacaaa	gatatggaac	atttccatca	ccacagaaaag	120
ttctgttggg	cagcactgca	ttagaatatt	ttcatactgc	tcttcctcaa	ttaatttttg	180
ttgttaatgt	tgatgtcttc	attggatggg	tcataatgtt	ccatgaaacc	gctcaagtac	240
acaattgtat	gttctttgta	tcccttacca	caaatatctc	gctctgctca	tttcttttgc	300
agcttcctat	aaagtttgtc	ttcctcaaaa	aaaaaaaaaa	aaa		343

<210> 229

<211> 417

<212> DNA

<213> Homo sapien

<400> 229

ctcaagctgc	agtccaccgg	gtatggttct	ggatggttcc	cccaagggag	caggatatgta	60
ggaggtgaag	aaaactgaga	tttcaagtat	gggagagttt	ttactatctc	cattcctgga	120
ttaaaaagtgc	tgaaaaagtc	cacagttaaa	cattccttta	ttcacccctat	ggctcccaag	180
aaaagcattc	ttcctctgga	gtactgggtg	actaagggga	caatacacca	aatttggtga	240
gtttacaatc	aagtctacta	aggttggact	tccttatcag	tttggcagag	tcccagggca	300
gaataatcat	ccatctacag	gtctctgttt	cctctccctc	cgcagcagtg	gagagcatcc	360
cagtgtttgg	ggcactgtgt	tcctcttcgt	ccctgcacca	gacctgggaa	gccttgg	417

<210> 230

<211> 462

<212> DNA

<213> Homo sapien

<400> 230

gaaataccag	aagagaaaagt	ttcattgtgc	aaatctaact	tcattggcctc	gctggctgta	60
ttccttatat	gatgctgaga	ccttaatgga	cagaatcaag	aaacagctac	gtgaatggga	120
cgaaaatcta	aaagatgatt	ctcttccttc	aaatccaata	gatttttctt	acagagtagc	180
tgcttgtctt	cctattgatg	atgtattgag	aattcagctc	cttaaaattg	gcagtgctat	240
ccagcgactt	cgctgtgaat	tagacattat	gaataaatgt	acttcccttt	gctgtaaaca	300
atgtcaagaa	acagaaataa	caaccaaata	tgaaatattc	agttttatcct	tatgtgggcc	360
gatggcagct	tatgtgaatc	ctcatggata	tgtgcatgag	acacttactg	tgtataaggc	420
ttgcaacttg	aatctgatag	gccggccttc	tacagaacac	ag		462

<210> 231

<211> 328

<212> DNA

<213> Homo sapien

<400> 231

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ctgtggggtt	tcctaaacgc	ccctcatctg	gttgaagccc	tagtgtttct	ttctcacatc	60
agaggcaaat	gcattggggt	gggtctggtt	tggacaataa	atttcctctg	gtttggacca	120
agaaaaacag	agttctttga	ccgctaacat	atatgtaaaa	agaaagtgtg	taaaaacaag	180
agttaaaatg	cttctaacag	tgtgggtcatc	actgcacagg	acactggaat	tggcattcgg	240
ggttgtgtct	gtccatgtgg	tttcgtttga	tgtcatgtgc	tctcagctca	gacagagaca	300
tccaattgac	ttctgacttg	gggcattt				328

<210> 232

<211> 595

<212> DNA

<213> Homo sapien

<400> 232

cgccaatttt	agcaaataag	agattgtaaa	agaagcagat	tgaatgaaga	atTTTTtagct	60
gtgcagatag	gtgatgttgg	gatggaaaaat	gctaataaac	taccctttct	tttatcaagt	120
aattaaaata	aatctacata	aagaaccaa	aaggctgttt	tataaaagtg	aaatatccag	180
tatttcagag	ggccaggcaa	gagcacttca	gatgaggcag	tcaaaatcat	ttttttccag	240
tgaggataga	ccacaagtgg	gtggtgagac	cattgaaagc	ctttatcaac	tgaagagtcc	300
atttaacagc	ataattttgtg	ggaagactgg	aataaggctg	aataaatgtg	tttgaatctc	360
taattttata	ctttcttttc	ctgaggaaact	tgatttttct	gtccctggat	cgcttgtca	420
taattgggtc	tgttcctttt	actaccactc	ttgagtccat	atatgaaatc	attaaagtgtg	480
gatgatcagt	tttttataaa	aatatatatt	tttgtccaag	aaaaaaaaaa	gcatacatat	540
gtgattatgg	ctaaatcaaa	ggtaactgga	atgtatatac	ttttgcta	gttcc	595

<210> 233

<211> 600

<212> DNA

<213> Homo sapien

<400> 233

atgaaggtaa	actctaaaat	cttcataggt	caacaaagaa	aatttatcct	tcacacttat	60
ttctagaaag	cagcagggtc	tatttcctag	attgcttaca	atgaagctag	aatatctgcg	120
ataactgtag	agtttcaaaa	aggatcccta	gggctacttc	tacgttctcc	ttaccagttg	180
agcactctcc	ataatttcca	gacgggtcat	gggggagaat	gatagaaatg	agcgtgggaa	240
gaaagacaat	gaaattagaa	atgggtgaga	cacatgggtg	tagaatgcta	agagcaggga	300
tcaggacaat	caaccagggtg	tctaggaagg	gtcaaggtcac	cagtgtcatc	tgctgaccaa	360
tgtaggaag	aaataaactc	aaaggaaaca	ccacattttt	ccaattaaac	tcaaatctat	420
tgacttgtgg	tggttctttg	atggttggg	gactgctata	acagaaacca	attggatttt	480
caagggcaag	aaactttgcc	actgaataag	atgatgtcat	ccttcctgat	aacaaatagg	540
aatgggtggt	cagctctaaa	cagcgtggac	tgaggggagt	gcttttctac	aatattactt	600

<210> 234

<211> 500

<212> DNA

<213> Homo sapien

<400> 234

aaattcctaa	ttcttttact	atctttctcaa	cttttcccaa	agataaaata	aatttcacat	60
aatttcatgg	aggggaaatg	gtagttgtaa	aaaactacct	caagtagcaa	tcaccgctgg	120
cagtgttttc	tcactttctg	ttctgcaatt	gcaatcacac	ttccaaaaag	aaaagcaaat	180
gtttgtctaaa	ccatagacag	acaacctctt	tgtgactggt	attataaggt	ttataatgaa	240
aacttatcaa	atataaaaagg	tgctccctct	tgaaaatgtg	tattttat	gaagttttga	300
gtaagaggtg	agtgtttggc	aattttcaac	actcccctca	aaaatctccc	aaagttgcaa	360
aaaagtcagt	ttagtaaaat	tccaagcact	taaatgcttc	attgagggcc	agttgatata	420

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cgcaatgcac taatgtgtaa aaattaaccg aatgcaacta ttttataatg gagagctctt 480
accttttcct tccagttttt 500

<210> 235
<211> 159
<212> DNA
<213> Homo sapien

<400> 235
aaaatttaca gataaaggca gttcaatact gccactgaga agtacatctc ttaacatata 60
caactttcag gccacagttt tgaaggctcg aagtattaaag ttgggttgat gaattagtcg 120
gttggcactt acgaacacat ttattgcctt gccatcttt 159

<210> 236
<211> 254
<212> DNA
<213> Homo sapien

<400> 236
aaataagtga ataagcgata tttattatct gcaaggtttt tttgtgtgtg tttttgtttt 60
tattttcaat atgcaagtta ggcttaattt ttttatctaa tgatcatcat gaaatgaata 120
agagggctta agaatttgkc catttgcatt cggaaaagaa tgaccagcaa aaggtttact 180
aatacctctc cctttgggga tttaatgtct ggtgctgccg cctgagtytc aagaattaaa 240
gctgcaagag gact 254

<210> 237
<211> 591
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 237
tttttttttt tttttttttt tttttttcta atttttactt tttctcaagt ttaatgtara 60
catacaaraa aacatcaagc aatgtttatt gkgcaattcc aatcattatt tgcaraatct 120
tggtttaaag tcagtyttta tagccatttc aactgcttgg tttaaacaaa aagcaacaat 180
ctggttatyt acctataaat ttcatgggat ttytttaaac actgaagtac taaaagcact 240
gatgatttgt attataattt ttaaaatatt taaaacctac acagatttca taratcattc 300
cttttataaa ataatcaaaa taatttgatt atytggaaaa aaaaattctt gaaacaragc 360
cctttccagg tatyttcaat ctctgtaaaa ccccaaacc caaacagagt aratgatgaa 420
ataaggattt ctgagttgcc caagactgtc tgaaatttaa ggttgaaaaa tggactggcg 480
tttttcatgt ttctgtngaa ttcanagctt acaggtggca tcaaaactca aatctctggg 540
atggctttac atggctttca ctttgatttg tttcattttc atttgcttct t 591

<210> 238
<211> 252
<212> DNA
<213> Homo sapien

<400> 238
aaatggcttt tgccacatac atagatcttc atgatgtgtg agtgtaattc catgtggata 60

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tcagttacca	aacattacaa	aaaatTTTTat	ggcccaaaat	gaccaacgaa	attggtacaa	120
tagaatttat	ccaattttga	tctttttata	ttcttctacc	acacctggaa	acagaccaat	180
agacattttg	gggttttata	ataggaattt	gtataaagca	ttactctttt	tcaataaatt	240
gttttttaat	tt					252

<210> 239

<211> 153

<212> DNA

<213> Homo sapien

<400> 239

ccacaataaa	gtttacttgt	aaaatTTTTag	aggccattac	tccaattatg	ttgcacgtac	60
actcattgta	caggcgtgga	gactcattgt	atgtataaga	atattctgac	agtgagtgc	120
ccggagtctc	tggtgtaccc	tcttaccagt	cag			153

<210> 240

<211> 382

<212> DNA

<213> Homo sapien

<400> 240

aaaaaaacca	tctaaaagt	gttttttaat	atatatattt	tttccaaagg	aagaaatttc	60
ttgcttttac	tcagggaaaa	aaaaaaatta	aggtacattt	gagtagaatg	atttcatcta	120
aaagagttct	ttcaggagac	atctgtgatt	cactgcattg	tttttatttt	cttctttttc	180
ctcttctttt	ccaacatttc	taccattttc	ctcttcttgg	ttgatatcag	gccactttct	240
tttggtgctt	tcttactgtc	acctgttaaa	ccgcgtttct	ttgtgttagg	ttttgaccgc	300
ttttcttctt	tgtgcactgt	gtcaccaggc	tcctttttgc	caattttgga	ctgttcttta	360
cttacaggag	aaggctctgc	ag				382

<210> 241

<211> 400

<212> DNA

<213> Homo sapien

<400> 241

ggcatgagcc	accgcgccc	gccctatctt	ttacttttat	aaatagagat	gaagtttcac	60
catgttgccc	aggetggtat	cgagctcctg	ggctcaagcg	atcccccaac	cttggccttc	120
caaagtgtcg	ggattacaag	cgcgagccac	cgaaattatt	cttaactagc	aagactaggc	180
tctgacatca	catccttata	gttacatccc	tttaagcagg	gttcagccac	tactctgca	240
cctggagaac	ttgatgggta	tcctctgaag	tgacagtctt	gcaaatgaca	aaaacactcc	300
aaatctatta	ggttgggtgca	aaagtaatta	cgctttttgc	cactgaaagt	aagtcccaca	360
ggaccctgag	ggaaatggga	gggtggggta	tacatagcag			400

<210> 242

<211> 75

<212> DNA

<213> Homo sapien

<400> 242

actcacatat	gcagacctga	cactcaagag	tggctagcta	cacagagtcc	atctaatttt	60
tgcaacttcc	tgtgg					75

<210> 243

<211> 192

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<212> DNA

<213> Homo sapien

<400> 243

gctccacatt	tgtagcgaac	actttgactc	caaagagaag	gaggaagaca	aagacaagaa	60
ggaaaagaaa	gacaaggaca	agaaggaagc	ccctgctgac	atgggagcac	atcagggagt	120
ggctgttctg	gggattgccc	ttattgctat	gggggaggag	attggtgcag	agatggcatt	180
acgaaccttt	gg					192

<210> 244

<211> 616

<212> DNA

<213> Homo sapien

<400> 244

aattttatag	caatatactg	accattctaa	aaataacaaa	atacatgttg	ctctcaacta	60
catagttaaa	aaaggtagta	aattctctta	cccaaaatag	aggaggggtg	ggctagttag	120
ctgctcaaac	atttgtaaca	aataaaaaatg	tatctatata	catataatga	tcatgttttc	180
atagcctaaa	atcaccatac	aaaatctaata	aataaaaattg	tgctgtgttc	aggagttggg	240
aagccaacac	attaaattaa	caaagtattt	ttggtatatg	taaataatgg	gatagaatct	300
ctcgaatcag	gattgtccca	gaagttctaa	ggcagatgtc	aatgacatgc	acattgtcca	360
tgttcagtaa	ttttcaaaga	ctagaataaa	ctatgtaaac	tattcaatac	aattcaatat	420
tacttaactg	ctaaaaagta	cttcaagatc	ttgcaactgc	ttgagttagt	ataatcaaat	480
tagtaattgg	aaaatagctg	taatagcagg	cactgaagaa	ttctgacaaa	taccaaataa	540
ctgtttgttt	ttaccaaata	aactggtaag	atgatatcac	aaagggtttt	aagttatttt	600
gctatacaag	gttttt					616

<210> 245

<211> 165

<212> DNA

<213> Homo sapien

<400> 245

ttggaacagt	ggattaaaat	ccagaagggg	aggggtcatg	aagaagaaac	caggggagta	60
atttcttacc	aaacattacc	aagaaatatg	ccaagtcaca	gagcccagat	tatggcccgc	120
taccctgaag	gttatagaac	actcccaaga	aacagcaaga	caagg		165

<210> 246

<211> 229

<212> DNA

<213> Homo sapien

<400> 246

tgtactggat	ccctccaggt	gggggogact	ctcacctgac	tattacaata	gcctcctaag	60
tggtttccct	acttgcaacc	ttgcccgat	aatatctatc	ctccacacag	caggcagggc	120
gatcctttta	gaatagaagt	tagatcatga	aaatgctctg	ctctgatccc	tgcaaaagct	180
cgccacctcc	ttacagtcac	cgctgaactc	gtagcagagg	ttcaggagg		229

<210> 247

<211> 338

<212> DNA

<213> Homo sapien

<220>

T0E050"92964B60

<221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 247
 ggaaaccgtg tgtacttata ctggatgatg ccaccagtgc cctggatgca aacagccagt 60
 tacaggngga gcagctcctg tacgaaagcc ctgagcggta ctcccgtca gtgcttctca 120
 tcaccagca cctcagcctg gtggagcagg ctgaccacat cctctttctg gaaggaggcg 180
 ctatccggga ggggggaacc caccancagc tcatggagaa aaaggggtgc tactgggcca 240
 tggngcaggc tcctgcagat gctccagaat gaaagccttc tcagacctgc gcactccatc 300
 tccctccctt ttcttctctc tgtggtggag aaccacag 338

<210> 248
 <211> 177
 <212> DNA
 <213> Homo sapien

<400> 248
 tgaaaacaaa tgaattctca actcctacgg ttcattgtaga gtttagagaa aatttccatc 60
 attgtcatca ttgaactgtg aacctgggaa gccagatcat gattaacact gacatcaagt 120
 ttcaagttgc agatcaatgc acccagtgtt cagatgaggc aaacttctcc gtgacaa 177

<210> 249
 <211> 263
 <212> DNA
 <213> Homo sapien

<400> 249
 aaagtaatga ctttattaat aaatatacat ccatatgatg atgtagatac aaatcatgaa 60
 cactactcca ttcccataca cataattgca caccagtagc tcaagttcat ggacataaaa 120
 acatacacag tatctattca gactttttac agcagaggac agcgtgctta ttatcagtta 180
 attggttaatt attttctcca aaattacctg tggaaaaaag aaattctgaa aacttaaaag 240
 aatcaaagtg atctgattac ttt 263

<210> 250
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 250
 aaaaaaaaca acagcgtaaa tattagccca caagagcagt cctaaacaat cacaattaca 60
 ctgtactacc caagaagact gtttattgtg aagcatttac ctttcaaaaa atcattacat 120
 ttctattttct tgggtggagca gcacattgtg gagtgtgatt ctttaattctt cattgagttt 180
 gtcaatagga cattgatgct ggatagggtg tcttttgttt ttatgcctca gaccatcttg 240
 tgagattgtt tgcctatctc ataatacagt tttatgcaga aaggttgaaa ctatgtaaat 300
 ggtttttatg gaaattatca gttacaatat ttt 333

<210> 251
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 251
 aaaccatttg tacaaaactt ctataaattt ttctctctct ttctctctta tgtacaaaaa 60

09849636.050301

tatcttaata	tatccccgaa	ctggtttagga	tagatacaaaa	tagattttttt	ataataaaaaa	120
attcacaaaa	gattggaagc	attctataat	gaaaatggta	gaaaagacag	tgtgaggga	180
gccatggggt	ttgggaatcg	ggccctggag	gagaagcaga	gtttcaaagg	gctgagaata	240
gcatagtttc	actgtaaacc	aatgtctaca	gcttattggg	gtgggggcta	ctgagacgaa	300
agacaccaac	tcgtttctag	agggctaaga	actgcacttt	aagaaagggc	ggggaggtga	360
agggacccga	gcaagaactt	tcag				384

<210> 252

<211> 211

<212> DNA

<213> Homo sapien

<400> 252

aaagcagtct	gaaaatggga	catctgtaga	gaaattcatt	tccttcttct	cctccggatg	60
tggaatggaa	gctttgaggg	aaggaaaagt	aggaaaagag	cgggatggga	tgggatggga	120
tgggatggga	tgggatagga	agagaggctg	gggaatgggc	agagaagggg	gtgctgagtg	180
tgctgtgaga	tagagcaaga	tcacaagaag	g			211

<210> 253

<211> 135

<212> DNA

<213> Homo sapien

<400> 253

aaaaattgtt	tcttgacaag	ctgacttggc	acttaagtgc	acttttttat	gaagaaaaag	60
tacaatgaac	tgcttttctt	caagcaataa	ttgtttccaa	cttgtctggg	aattgtgtgt	120
ctggtaactg	gaagg					135

<210> 254

<211> 361

<212> DNA

<213> Homo sapien

<400> 254

cctgtagccc	ctgctacacg	ggaggctgaa	gtgggaggat	cacttgaacc	aatgaggggtg	60
aggttacagt	gagcccagat	catgccacta	ctctacaggc	tgggtgataa	gagtgagacc	120
ctgtatcaaa	aaaaagacaa	ggaaaaaaaa	aactgggccg	tttgtttttg	cagaatgtct	180
ctcaatttgg	actttttggg	caggaataca	atacaagtga	tacaaatgct	tctttaacat	240
tagaacctgt	ataaaattac	cattacagac	cttgctattt	tacttatagg	taaatcaactg	300
tttaccaagg	taagtctttt	gggaatttcc	aaaaatgaag	tccatggaca	gttaaaaaact	360
g						361

<210> 255

<211> 331

<212> DNA

<213> Homo sapien

<400> 255

aaaaaaataa	ataatccacc	aacgtgattg	accttggcga	gatcatgttt	ctagtctata	60
cctcagtttc	cccatctgta	aagtgaggat	aatgtcccac	cccatgtaac	tgtggtgagg	120
accaactgca	acactgtgcc	tgcgagtctc	cttggaagaa	tgtaaggttc	tacacaaatg	180
gaaagtgatc	tgatcacact	cagtgtcccc	agcccagcct	ttcagtgcc	tggccctggg	240
gtgggggaca	atactctcct	cacccccttc	actagtcttc	atgaatagca	aggaggccat	300
aacataattt	ggtctaaacc	ccttcctttt	t			331

F0E050"92954B50

<210> 256
 <211> 186
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(186)
 <223> n = A,T,C or G

<400> 256
 cctttgggcc cttgcacttt gacctgcaat ggggccacac cagccttgct tgtgtccacc 60
 tggaaggact gagggaggtt ggcacgaacc atgcctgggc tcaggccggg cccanagcac 120
 ttgaccttgg acgcatctgt cacatcatgc acagggaacct tgaaaggact gcctggcact 180
 tgatgg 186

<210> 257
 <211> 255
 <212> DNA
 <213> Homo sapien

<400> 257
 ctggggtcgc tcaccgacct ttggggaact gggctacggg gaccacaagc ccaagtcttc 60
 cactgcagcc caggaggttaa agactctgga tggcattttc tcagagcagg tcgccatggg 120
 ctactcacac tccttgggtga tagcaagaga tgaaagttag actgagaaaag agaagatcaa 180
 gaaactgcc aataacaacc cccgaaccct ctgatgctcc cagagactcc tccgactcca 240
 cacctctcgc ggcag 255

<210> 258
 <211> 604
 <212> DNA
 <213> Homo sapien

<400> 258
 ctgaatttgc aatggagtgt ggtggtgcaa tcggtattga ttagtttggc atagacagat 60
 gcagcagttt agagcaaaat cgagaaaatg attttttttt tcctccttga tttcctggca 120
 gaagatatct tactttttca gcaaactttt cttttaacac taaagcagcc tagggcaatg 180
 ccagatactt agagcttttc tcttgattat aagtagaaat gggggtgtct gggctagagg 240
 tggagggtgg atgtgctgtc gtcacagtct agctggcagc aagcaaggca aaagcagaga 300
 ctgctctaga agcggttcca agcagcagag acgtcaggaa aggcacttct tagtaccac 360
 ctctatgctt taatagttgc ttgttaagct gcttcattgg ttgagacaaa ctaccagcac 420
 ttcaaagagc tcagttctct gctcaactct cttctctagt tacattattt tttttccttc 480
 aggagactga ggcaggaaaa tcgcttgaaac tcaggaggtc gaggccgcag tgagccaaga 540
 tcacaccacc gcactccagc ctgggccttg caaagtgcta ggattacagg aatgagccac 600
 cagg 604

<210> 259
 <211> 429
 <212> DNA
 <213> Homo sapien

<400> 259
 aaaaatgtct gtatcgagat cttccagttt gaagtcttcc tcctctgtgt cttcccaagg 60

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ctctgtggca	agctccactg	gttctcccgc	ttccatcaga	accactgact	tccacaatcc	120
tggctatccc	aagtacctgg	gcacccccca	cctggaactg	tacttgagtg	actcacttag	180
aaacttgaac	aaagagcggc	aattccactt	cgtgtggtatc	aggtcccggc	tcaaccacat	240
gctggctatg	ctgtcaagga	gaacactctt	tactgaaaac	caccttggcc	ttcattctgg	300
caatttcagc	agagttaatt	tgcttgctgt	tagagatgta	gcactttatc	cttcctatca	360
gtaactgctc	cgtgttcaga	ctcctggttt	cttcagggt	tacagtggac	atcatcagct	420
tctgtcttt						429

<210> 260
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

ctgcaacaca	tgcagcacca	gtctcagcct	tctcctcggc	agcactcccc	tgctgcctct	60
cagataacat	cccccatccc	tgccatcggg	agcccccagc	cagcctctca	gcagcaccag	120
tcgcaaatac	agtctcagac	acagactcaa	gtattatcgc	aggtcagtat	tttctgaana	180
cgcataatgg	agacggattt	gcgtatacca	aggagagtgg	cataggaggg	aaaagcatat	240
gtggctgaaa	cctgtaagtt	gggtgttggt	atgcagaaat	gtgtaacaga	tcaaacgggtc	300
ctctcaagtg	tctattanat	aggcaataag	aactgcagtg	tagctgagta	acatctttta	360
gctgactata	aatcactttg	ttttt				385

<210> 261
 <211> 230
 <212> DNA
 <213> Homo sapien

ctgtactgga	tccctccagg	tgggggcgac	tctcacctga	ctattacaat	agcctcctaa	60
gtggtttccc	tacttgcaac	cttgcccgtg	taatatctat	cctccacaca	gcaggcaggg	120
cgatccttta	agaatagaag	ttagatcatg	aaaatgctct	gctctgatcc	ctgcaaaagc	180
tcgccacctc	cttacagtca	ccgctgaact	cgtagcagag	gttcaggagg		230

<210> 262
 <211> 198
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

atgttaagta	aacatgaaat	ctatataaca	gaacaaaaat	tcactcttat	gtcaatgtca	60
gcgtgttaat	gtagatctat	ttactganac	agactctgta	gtggcagaga	gtggccttgt	120
taagccagga	ccctgttctg	caggctgtgg	gtagaagcta	ggaagtcctt	ggagtttcac	180
ccagcttttc	catgaatg					198

<210> 263
 <211> 157
 <212> DNA
 <213> Homo sapien

<400> 263
 aaaatatatt tctaaacaga atgggccgac tcagtcacag taactgttga tctccatagt 60
 agagcaaccc acaaagacag aactgatttt tttcccataa tcaggggtga aaaatataca 120
 acttgtttct gaacccaaaac cacaatttct gcagttt 157

<210> 264
 <211> 290
 <212> DNA
 <213> Homo sapien

<400> 264
 ctggctactc caagaccctg gcatgaggct gaggacaact tacaagggtc tcaccgaagc 60
 agtggacctt tattttgacc acctgatgtc caggggtggtg ccactccagt acaagcgtgg 120
 gggacctatc attgccgtgc aggtggagaa tgaatatggt tcctataata aagaccccg 180
 atacatgccc tacgtcaaga aggcactgga ggaccgtggc attgtggaac tgctcctgac 240
 ttcagacaac aaggatgggc tgagcaaggg gattgtccag ggagtcttgg 290

<210> 265
 <211> 234
 <212> DNA
 <213> Homo sapien

<400> 265
 aaaaaaagga aaggaaaagag aggaaaagaa aataaaataa gacgatttat tgcttctcct 60
 cagcatcctc cttggtctcc tccttcaccg agagagcttc tagcttttcc gccacttttt 120
 cggcatgac atttttgcct gatcctttct tttctctctc ttcgatctct ttctgcatt 180
 cttcaaactt tgttttgaat ttctgtgcat tctcagcatt caggaagcgg atgg 234

<210> 266
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 266
 gtcctcatca tccagtttg aggcagtgtc ggagtgggga aggcgtctt agaccataga 60
 gggttgaaga cgctgagaga tcatccagcc cagccccttg atgttacaga gcagaagaca 120
 gatgccc aaa caggagaagg cacttgccca cggtcatacg gcaggttgcc acaaaaccaa 180
 gatggcagcc cttcctcagc gtgcctcact gccactccca gagccaggga gcccataaa 240
 acccacatca tgtcttaaga gtatatctgg ctcccttgacc agcaatcggc cctgggagcc 300
 accaggtggg aaaagcgcct ctgccagagt ccagg 335

<210> 267
 <211> 619
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(619)

09849626.050304

<223> n = A,T,C or G

<400> 267

tggagctctg	acgaagggat	cggggaggtg	ctggagaagg	aagactgcat	gcaggccctg	60
agcggccana	tcttcatggg	catgngtcc	tcccagtagc	aggcccggct	ggacatcgng	120
cgctcattg	atgggcttgt	caacgcctgc	atccgctttg	tctacttctc	tttggaggat	180
gagctcaaaa	gcaagggtgt	tgcanaaaaa	atgggcctgg	agacaggctg	gaactgccac	240
atctccctca	cacccaatgg	tgacatgcct	ggctccgaga	tccccccctc	cagccccagc	300
cacgcaggct	ccctgcatga	tgacctgaat	cagggtgtcc	gagatgatgc	anaagggtct	360
ctcctcatgg	aggaggaggg	ccactcggac	ctcatcagct	tccagcctac	ggacagcgac	420
atccccagct	tcttgaggga	ctccaaccgg	gccaaagctg	cccgggggtat	ccaccaagtg	480
cggccccacc	tgcagaacat	tgacaacgtg	cccctgctag	tgcccccttt	caccgactgc	540
acccanaga	ccatgtgtga	gatgataaag	atcatgcaan	agtacgggga	ggtgacctgc	600
tgctgggca	nctctgcca					619

<210> 268

<211> 147

<212> DNA

<213> Homo sapien

<400> 268

cctataaccc	agacaccagc	atggacaaaa	ctcagttata	ctgaattcag	agacaaaatt	60
cagtgacact	cttctaccac	ttatttaggg	ttctacagca	tttctactgag	cagacttagt	120
tttttgtttt	tgtttttaca	acctttt				147

<210> 269

<211> 325

<212> DNA

<213> Homo sapien

<400> 269

ctgagctgta	ggaatgggtt	cttggtacac	aagatagtat	tgttgagcta	gttttcgagc	60
tctgtgcaca	agcactctgt	aatcgggggc	catgccactg	tacaccaaac	ctatatgctt	120
ggtaattggg	tctactttgt	gtacacttcg	ctcatcatac	agaatggatt	tctgtttttt	180
ctcagttgct	aataccacac	catttgacgc	tttaattccc	acggacgggg	ctcctccagc	240
tacagtagcc	aaagcatatt	caatctggac	aagtttacca	gacgggctga	atgtagtcag	300
cgaaaagctg	tacccgcgct	ccgcc				325

<210> 270

<211> 428

<212> DNA

<213> Homo sapien

<400> 270

aaacatatgg	taaattaccg	agtgacacct	ctgggctaga	gacctctttt	gaggggagtt	60
tgcaaaactac	ggattcaatt	tctttaacag	ttatgaagtt	ctttaaagaa	cctgtttggg	120
attggggggg	tgtggtcacc	tgtgcttttc	tgagatttgg	cccctacatc	taagttgttg	180
aatgcatgtg	tgtagagttg	tttatggtgc	ttccctttct	tcttagaagg	gtctatagta	240
atatcccctg	ccttatccct	agtagtacta	atttgtgttt	tcttacttct	tgacaggcaa	300
acacatcaga	gcataagtgg	ttcctaattg	caagctgacc	tcccttgatc	tctgtcttct	360
acaggatatt	gacatgggac	ttctttatta	ccttttcagt	tcactgatac	cttcaaatag	420
ctttatttt						428

<210> 271

0984926.050394

<211> 206
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 271
 cgccccggag cccacggngg ncatggctgg canagcgctc tgcattgctgg ggctgggtcct 60
 ggccttgctg tcctccagct ctgctgagga gtacgtgggc ctgtctgcaa accagtnggc 120
 cgtgccagcc aaggacaggg tggactgcgg ctacccccat gtcacccccca aggagtgcac 180
 caaccggggc tgtgtctttg actcca 206

<210> 272
 <211> 83
 <212> DNA
 <213> Homo sapien

<400> 272
 ctggcttccc tgagaaactca acaatgcctt ttcttgaggg ccttcctcga tcatccacaa 60
 tgactacagc cctctctacc tgg 83

<210> 273
 <211> 472
 <212> DNA
 <213> Homo sapien

<400> 273
 ctggagaagg tgtgcagggg aaaccctgct gatgtcaccc aggccagggt gtctttctac 60
 tcgggacact cttccttttg gatgtactgc atgggtgtct tggcgctgta tgtgcaggca 120
 cgactctgtt ggaagtgggc acggctgctg cgaccacag tccagttctt cctgggtggcc 180
 tttgccctct acgtgggcta caccgcgctg tctgattaca aacaccactg gagcgatgtc 240
 cttgttggcc tcctgcaggg ggcactgggt gctgcctca ctgtctgcta catctcagac 300
 ttcttcaaag cccgaccccc acagcactgt ctgaaggagg aggagctgga acggaagccc 360
 agcctgtcac tgacgttgac cctggggcgag gctgaccaca accactatgg ataccgcac 420
 tcctcctcct gaggccggac cccgcccagg caggagagctg ctgtgagtcc ag 472

<210> 274
 <211> 205
 <212> DNA
 <213> Homo sapien

<400> 274
 ccaggcggcc cgaggactta cggtcggcac ttctctgttc tcccgtgtca gcgtgtggtg 60
 tcgcctgcat gggtcgtacc tggatgggtg gtccaccatc gacacggagg ggctggattt 120
 gtttctcagg caatcctgta ttttaatttt agatgtattt cctgaagcat atttttcata 180
 gaatgtagcg tgtaaatagc ttttt 205

<210> 275
 <211> 308
 <212> DNA
 <213> Homo sapien

0984966-05091

<400> 275
 ctccctgccc tcccaccga catcatgctc cagttccagc ttggatttac actgggcaac 60
 gtggttgga tgtatctggc tcagaactat gatataccaa acctggctaa aaaacttgaa 120
 gaaattaaaa aggacttgga tgccaagaag aaacccccta gtgcatgaga ctgcctccag 180
 cactgccttc aggatatact gattctactg ctcttgaggg cctcgtttac tatctgaacc 240
 aaaagctttt gttttcgtct ccagcctcag cacttctctt ctttgctaga ccctgtgttt 300
 tttgcttt 308

<210> 276
 <211> 201
 <212> DNA
 <213> Homo sapien

<400> 276
 aaattaactt tttcttgcaa aatattcatt tcattttttc caagaaaatc ttataaaggc 60
 aaaaataaaa ttttattttg gcaaagtca tgaagtcgat actggcagca tatggagtta 120
 gttaaaaaata gacaacaact gctagatata ttcaaaattc tatttttttt tctgagcata 180
 gtcaaaagaga aatttttcatt t 201

<210> 277
 <211> 520
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

<400> 277
 aaaaaaaaaag tattcagcac catttgctca tnggtctttc agagtttggt cttaaagttt 60
 ctggaacttt cctgtctgta aagtaacagg aattactgag ctacattgga aagcctctct 120
 gggacaggca gtggggaggt aagcagtcac cataaaggaa tcagtgtaca ttcagcatgg 180
 tgacttgact acacaacaat cccttcccct ctactgtagc tcaagagaga catgcttcta 240
 accactgagg tatgaggagt ctgagactgt tatttgctgt tagaattgggt cttccagct 300
 aataacagta catctctggc acagatgcta ttggtcctta atgtcctgtg attttaggaa 360
 atagtttgga tttagttcaa tttattcaga aaccaaactg gtttaattag cttcactact 420
 ctggcagagt aagggtatgc tgggttagta tctttataaa atatatataa tgtataggta 480
 aatcatagtc ttaaatcata cctaaaatac tgtatcattt 520

<210> 278
 <211> 264
 <212> DNA
 <213> Homo sapien

<400> 278
 cgcgcggggc ggaactttcc agaacgctcg gtgagaggcg gaggagcggg aactaccccg 60
 gctgcgcaca gctcggcgct ccttcccgtc ccctcacaca ccggcctcag cccgcaccgg 120
 cagtagaaga tgggtgaaaga aacaacttac tacgatgttt tgggggtcaa acccaatgct 180
 actcaggaag aattgaaaaa ggcttatagg aaactggcct tgaagtacca tcctgataag 240
 aacccaaatg aaggagagaa gttt 264

<210> 279

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<211> 414
 <212> DNA
 <213> Homo sapien

<400> 279
 aaacatacaa taattttttat tatggaaatt aatctttaca tacaaaaatca gctacgtaat 60
 ttactttaca aaacaataaa aactgttctt tactgtggca acaaaaagaag cattttgaca 120
 aatgaaaaaa attaatgcaa acaaattaaa acaatgcttt tctttttact tgcttcaactg 180
 tctcttctat ttattttcta tgatcatttg acacaaacat ggattacttt gatattctact 240
 gaaacataaa tgataagggtt cttaaagggtt gaattaaaag tctgggtggt caatatttta 300
 gaagctgaat aaacaaaacg aaattggggt ttgtgattac agaggattta tcattttttc 360
 cttttgtcca tatgaaaata tataatagaa aattaccac gggaacacat tttt 414

<210> 280
 <211> 262
 <212> DNA
 <213> Homo sapien

<400> 280
 ccaccatgcc tggcctgctt caattttttg atgccacttt gtaaaccggca cttaattatg 60
 gaaaatagga aaaagcaaaa ctaaaataag gaagaggata tatatataac ttttcacaat 120
 ctcttttctg atccccctta gatgccaggt caaccaggac cacacacaga tttcatttta 180
 tttgtagagt atatgaaaag atttaaatgt ctcatgcatt ttatttttacg tatactgatt 240
 tctacgtttt gactgactat tt 262

<210> 281
 <211> 349
 <212> DNA
 <213> Homo sapien

<400> 281
 ctgtgacccg ggtgcatcag tggatatagt tgtgtctccc catggggggt taacagtctc 60
 tgcccaagac cgttttctga taatggctgc agaaatggaa cagtcattctg gcacaggccc 120
 agcagaatta actcagtttt ggaaagaagt tcccagaaac aaagtgatgg aacatagggtt 180
 aagatgccat actgttgaaa gcagtaaacc aaacactctt acgttaaaaag acaatgcttt 240
 caatatgtca gataaaacca gtgaagatat atgtctacaa ctcagtcgtt tactagaaag 300
 caataggaag cttgaagacc aagttcagcg ttgtatctgg ttccagcag 349

<210> 282
 <211> 381
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 282
 aaacactaaa tgaagcttct cacaatttct aattataaac aaaaggctga aaacagtatg 60
 ggaaacaaaag tttcaaaaaca aagaaaagtt gagtaaaagg tgccccctct atggctcatc 120
 tgaaagaaac attttactca gagaggcaaa catttctgat ctaggagtaa gtttccact 180
 cactttgcaa ggaccactc attctgcana aagacctaca agtctttctg gtctcaattg 240
 caaagtacgt gaaaatgtgt atgaaagatc taaaagctaa atattagaat aaggctaatt 300

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gaaatcaaaa ttgtgtgctg gtctaaatat acatcttcgg cttcttcctt tttagtaagt 360
 atttttatatt cagatgtatt t 381

<210> 283
 <211> 543
 <212> DNA
 <213> Homo sapien

<400> 283
 aatatagctc ctccctaccc ccaacaatgg accctgcccc ttgcctccca gttccttgat 60
 cttcctagggt tccacaactc tctttttcct tttagtttta ttccctccag ccaaacctct 120
 cttattcaat attttgagcc aatgggggag ttatgtagat ttttttcctt acacattagc 180
 tggccctttt tatgaccaat gactcataag gcaagatgtg tgggtggcatc ttcggacagg 240
 cagcaggcctt taatagggca gcctgggttg gtggaggcaa gcaaagctaa ttggcatgctg 300
 tgggaatcaa accccaggcc ctgggctcat tagcccatgg tcaaaacaac tgagccagag 360
 gaggtataaa tttgcccaag aatatcagta gttcctttat tagaagaaaa tggctgatat 420
 ggaagtggg gaatctgaat tgccagagaa tcttggaag agtaataagc tcttagtctc 480
 aacaaaaagt gttttttcat ctcagcgcgt aaagggtgct atatgggaac aaagaagtat 540
 ttt 543

<210> 284
 <211> 147
 <212> DNA
 <213> Homo sapien

<400> 284
 aaactggat tttatctttg attctccttc agccctcacc cctggttctc atctttcttg 60
 atcaacatct tttcttgctt ctgtccctt ctctcatctc ttagctcccc tccaacctgg 120
 ggggcagtgg tgtggagaag ccacagg 147

<210> 285
 <211> 316
 <212> DNA
 <213> Homo sapien

<400> 285
 cggccgaggt ctggcttcac tctactccc tctctgctcg cagcacgtcg gccgccagct 60
 ctttgatgtg ttcccaggcc cgctgcacat gggcagattc caccgtgcga gaacagatgg 120
 caaagcgag gacaaacttg tccctgaggt gacatggaac caagtggatt tttttggcac 180
 tgtttattct ttgcagaaga gcttcattca ctttggttga accctttagc cgaaagcaga 240
 caagccccag aatgacttcc acacagattt caaagcgggg atcctggcgc accagtgaat 300
 caaactcatg ggacag 316

<210> 286
 <211> 322
 <212> DNA
 <213> Homo sapien

<400> 286
 cctggggagc cttttagtg ggtgggacct caggcagacc cccaaaccaa agggagccag 60
 atgcccaggt tcaagtcatt agtgatatgt ggcagggtg acagagaaat aatcctggag 120
 gtctccaaag ctgctgggaa tggaatggcg atgaaaagcg caggagtggg cagggtgtgg 180
 tgggtgatgg tggcctcact cagagtggac caaggcccca gtccttgcc caaaaccaa 240
 gcccttgggc ccgaagtttt tagcataaca tcctttgcag taaatctcgc catccttgct 300

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tgccagggtg gttgactcaa gg

322

<210> 287

<211> 364

<212> DNA

<213> Homo sapien

<400> 287

ctgcccacgc	tcaaaccaat	tctggctgat	atcgagtacc	tgcaggacca	gcacctcctg	60
ctcacagtca	agtccatgga	tggctatgaa	tcctatgggg	agtgtgtggt	tgcactcaaa	120
tccatgatcg	gcagcacggc	ccaacagttc	ctgaccttcc	tatcccacog	tggcgaggag	180
acaggcaata	tcagaggctc	catgaagggtg	cgggtgcccc	cggagcgct	gggcacccgt	240
gagcggctct	acgagtggat	cagcattgat	aaggatgagg	caggagcaaa	gagcaaagcc	300
ccctctgtgt	cccgagggag	ccaggagccc	aggtcaggga	gccgcaagcc	agccttcaca	360
gagg						364

<210> 288

<211> 261

<212> DNA

<213> Homo sapien

<400> 288

aaaattataa	ctactcattc	tttctttagc	cttagttaat	ttgagcagaa	gccacaacaa	60
gcaaaccaca	ataaathtag	aattggcaga	aatccacatt	aactcctctt	cccaagtttc	120
cacactacta	ccatttacag	ttgtaggttt	gtaatgtata	attatgtaat	gcagaaacta	180
gctttgactt	gtgtaacgat	gcactgtcaa	agtaagcaaa	gtaagaattg	aaattccaca	240
ttcccagaat	ttaacactca	g				261

<210> 289

<211> 261

<212> DNA

<213> Homo sapien

<400> 289

ctgagtgtta	aattctggga	atgtggaatt	tcaattctta	ctttgcttac	tttgacagtg	60
catcgttaca	caagtcaaag	ctagtttctg	cattacataa	ttatacatta	caaacctaca	120
actgtaaatg	gtagtagtgt	ggaaacttgg	gaagaggagt	taatgtggat	ttctgccaat	180
tctaaattta	ttgtggtttg	cttggtgtgg	cttctgctca	aattaactaa	ggctaaagaa	240
agaatgagta	gttataattt	t				261

<210> 290

<211> 92

<212> DNA

<213> Homo sapien

<400> 290

ccactacccg	aacttacagg	tgccaaaaga	agaaagggtg	taaacggaga	ccacctatca	60
ctcatcagaa	cctaggatca	tcacattcct	tt			92

<210> 291

<211> 287

<212> DNA

<213> Homo sapien

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<400> 291

ccatggctcc	gctcagggcc	ccggtcacct	ccgagtcact	ctgttccttg	actgtctttg	60
tgtttctgta	cctcaaggca	ctgaagctgg	aggactctgt	ccatgcctgt	gtcaccctcg	120
tgtgggagcc	tctgggctcg	gcagggtccac	atttcattgag	ctgaggcgtg	ggccagggcc	180
atctggaaag	ggaactcggc	ttttccagaa	cggtgtggat	catctgtcgg	gtgtgtggtg	240
aacacgttca	gttcattcagg	gcctacgctc	cggggaagggg	ccccag		287

<210> 292

<211> 270

<212> DNA

<213> Homo sapien

<400> 292

ccattgtttc	ctcgtctggcg	aaggctcctt	gaacatccct	caccttcctc	tcccgcctct	60
gccttctgct	gggtcaaagg	tggccttttc	tctccagcct	tgaattgttc	cctgttggct	120
tcccaagggc	ccatctgctg	gtacagtcca	cacttccaca	gccaagacc	gagagggctt	180
tcaactgccc	aagcctctct	cctgtgacct	tgggattctg	tcttggcaga	atcctttgtc	240
agcggctctt	actctgtcct	tccgttttgg				270

<210> 293

<211> 333

<212> DNA

<213> Homo sapien

<400> 293

ccatgctcgt	caacctgggtg	tccactgctt	gctacgtctc	cttcctcttc	ctgggctgcg	60
acactggccc	tgtggctggg	gttactgttc	cctatggaaa	cagcacagca	cctggctcag	120
ccctggaccc	ctactcgccc	tgcaataata	actgtgaatg	ccaaaccgat	tccttcactc	180
cagtgtgtgg	ggcagatggc	atcacctacc	tgtctgcctg	ctttgctggc	tgcaacagca	240
cgaatctcac	gggctgtgcg	tgcctcacca	ccgtccctgc	tgagaacgca	accgtgggtc	300
ctggaaaatg	ccccagtcct	gggtgccaag	agg			333

<210> 294

<211> 123

<212> DNA

<213> Homo sapien

<400> 294

ctgatacaaa	tacagaaaac	tctgcccatt	atccaagaaa	caaataatta	agactaaaat	60
gcaagctgat	gtgttgacgc	attgtagggc	cactaaatag	ccatctgtga	ttcgtggcaa	120
ttt						123

<210> 295

<211> 311

<212> DNA

<213> Homo sapien

<400> 295

ctgcatacag	acatttgttt	aggtcatctg	gattatcttg	attgtcacca	tggcaactat	60
ccacaaccag	tgcctagggtg	tgtgagaaga	gtgatacaat	aatactgtgg	catgggtcatt	120
tagctaatac	agtctaagcc	taacagaaac	cttttccatc	aaagtttttc	agagaataac	180
aacatctcat	aagaggccag	aggatggctt	gtgcttaata	tcacacctgt	acagtagggc	240
agtgttccc	aggctgtctg	cttacatttt	agcttgcctt	acggttacat	atggttttag	300
tattttcatt	t					311

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<210> 296
 <211> 241
 <212> DNA
 <213> Homo sapien

<400> 296
 ctgCGgaaga tctgcaacca cccctacatg ttccagcaca tcgaggagtc cttttccgag 60
 cacttggggt tcaactggcg cattgtccaa gggctggacc tgtaccgagc ctCGggtaaa 120
 tttgagcttc ttgatagaat tcttcccaaa ctccgagcaa ccaaccacaa agtgctgctg 180
 ttctgcaaaa tgacctccct catgaccatc atggaagatt actttgcgta tcgCGgcttt 240
 a 241

<210> 297
 <211> 295
 <212> DNA
 <213> Homo sapien

<400> 297
 aaacacaaga tgaataact ctgttctgtc caaagcatca cctaattggtg tgaggcatct 60
 cacttagctg tggagaagtc cttggaatta gatctcagaa agacagcttt aagacagtaa 120
 aaccttttgg caatgggcta attgccttaa aagaagagtt ctacctgaaa gaccttgag 180
 gtggagaaat tgcctacaa agattcttgg atatgttagt ggagataact gacatgggta 240
 gctgtgggtc aaccaggaac tgtcaacaac ctgatctctg caaaaccagg atgga 295

<210> 298
 <211> 347
 <212> DNA
 <213> Homo sapien

<400> 298
 ccaaaaataaa gcttcaggca agaggcaaag atccagtgga atatgggaga atggtggagg 60
 accaacacct gctacccag agagcttttc taaaaaaagc aagaaagcag tcatgagtgg 120
 tattcacctt gcagaagaca cggaaggtag tgagtttgag ccagagggac ttccagaagt 180
 tgtaaaagaaa gggtttgctg acatcccgac aggaaagact agcccatata tcctgcgaag 240
 aacaaccatg gcaactcgga ccagcccccg cctggctgca cagaagttag cgctatcccc 300
 actgagtctc ggcaaagaaa atcttgcaga gtctccaaa ccaacag 347

<210> 299
 <211> 268
 <212> DNA
 <213> Homo sapien

<400> 299
 aaaaagtaaa catgaaaaca tcacgaattg taccatgatt caagaataac ttttgtaata 60
 gaaaacacat gaccttttgc agtatagtgt gataccgaag taaaagtga agaaataaat 120
 gcaggaaagt ttaagtggat gtaagttttt ataaggaaag taataagagg aggctgcttt 180
 tgaaggtcct ttgatcttcc atgatgataa tatcgttgca aagttcttta acttgatttc 240
 aagtaattag cagttgacca cttggttt 268

<210> 300
 <211> 185
 <212> DNA
 <213> Homo sapien

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<400> 300
aaattggaga aggaagtttt cctgaagagc cagaatcctt gctaagtcac ttagatccaa 60
ctgaccatct ttatttctgt caaaaatcct catcatggtg ccggtgtatt cttccagttt 120
agcctcagaa atggcctttc tgtggtgaag aaagaggtct cggaggaagt tgcggagctc 180
agcag 185

<210> 301
<211> 75
<212> DNA
<213> Homo sapien

<400> 301
aaaattggaa agtgggataa gaaatctaaa gtaaccagct tatctttgaa acaatattat 60
tttgaaattg gcttt 75

<210> 302
<211> 247
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 302
ccatgttctc tgaattgggt gcagaagaca agggcagagt ggctgcggcc cctattacct 60
ttgtagcagc cacatcagaa agcagaagaa aacagtattt ctgaaggcat tgtttgaggt 120
tgatctcagc actgaacgat ttcaagccct acgcaccana acagaaggag ggtggaggaa 180
gtgatcanag ggaacgagct gtaggtttgc anaaatgtgt gaaacccaaa tgatcactgc 240
ctacttg 247

<210> 303
<211> 535
<212> DNA
<213> Homo sapien

<400> 303
ctgcttcaga ggaaatcact gaaaaataaa gaaaaacat ccatgcatgg ctgcatccag 60
tgtacctgta atcctgaaga aaaggtccta attccttcca tgctgaaatg ctagctttgg 120
tttcagagag agactttatt gcaactgtga ccaccgtcac tggtagcac tgctgttcgg 180
ccccagcgg acttaaaaga ctggaatgtg gtagtggcgg tcgttctcgg tcagcaggga 240
gatctccggc cagtccctga gaggtcctc tgggtagcag acttcaaagt ctctggagtt 300
aaacttgaac agtctgaaca cttttatctt tacttcaagg gagtatccaa gtataaacat 360
atcaatctgc tctagtccac atgtgtcgcc tacagaattc aggtgattca tcatgaagct 420
caaaggatca gaggatgtct ccctggaaaa caggagtcta aaaagactgg gaatgacctt 480
tttagtcttc atttgttcat aaacttcagt gacttgatac agcatgatga acttt 535

<210> 304
<211> 522
<212> DNA
<213> Homo sapien

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<400> 304
 ccgcgcctcgg tctacaatca cgttttatta ttggctcgtc tagtcatggg atagagaagg 60
 taaatagcaa aatagaaaga aaagggggaa aaggtagaag gcaaggggaa aactattggg 120
 tttagatcct taccctgggc ctgtcaatga tcaggtaatt ggaaggatca aaattaggcc 180
 aaacttggtta attgggccaa aattgaacca aagtttgtgt caagaagacc tggggcagag 240
 atatgtgact aaatcatttg gaatatgccc agaccccaag aatatttatg cccaacttga 300
 atgctaacca gaagtcctt actgtagaag attgtaaggt tgctatttt ttgccccgac 360
 accaaaatat tgatgtattt tccaacacca attctccaat tctctgacac caactcgatg 420
 ttcaacaatt cagttatatt ctgtcactaa ttctgcagc tatcagcagg cccacaggt 480
 aaaggattca gtctcacaag attgcccc caccacttc ag 522

<210> 305
 <211> 165
 <212> DNA
 <213> Homo sapien

<400> 305
 cctaaagcgc tcctcgctga agctcaagg gtccacaatg atttgtttgt caaagttatt 60
 gagtgcataat gccagttctc ctctcctcc accctggtgc tgtgaggcat cgtctgaggc 120
 agtggcctgg gctgcattgg aaatgcctgt gaccgcctgc tgcag 165

<210> 306
 <211> 294
 <212> DNA
 <213> Homo sapien

<400> 306
 ctgcacctaa gacatggccc tggctaggcg ggaacagctc acagtagcga tacattcaca 60
 ggacacagtt ggtgtccaga aaagggggct cagaacacag tttctacaca agcacttggc 120
 acccacacga cagagacgtc actcaagcag cacagccaca aatagtttac agcagctcat 180
 gcccggtatc cgcccatgct gggagactcc ctgaaagggtg ggacactgcc gtctatgagg 240
 aggtgtctcc ctccatcatt aacccccaaac cacacaatgt gtgaggagag cagg 294

<210> 307
 <211> 181
 <212> DNA
 <213> Homo sapien

<400> 307
 aaaaatccat gacaccttga tagaaattag agtttacaca aacaaaaaag gaaccttcga 60
 tattgccagc agctataaag tgaacgtact gagaccgaca ggacagcaag aaggcatttg 120
 cacatttata tctgacaccc gaccatactt tcagtcacca gaatatcttc tctccagatt 180
 t 181

<210> 308
 <211> 179
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

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<400> 308
aaggctgagg actgctggga gctcagatca gcccggagct actggctcat gggcagccaa 60
aaaatactgg atctgctgaa cgaaggctca gcccgagatc tccgcagtct tcagcgcatt 120
ggcccgaaga aggccanct aatcgtgggc tggcgggagc tccacggccc cttcagcca 179

<210> 309
<211> 129
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 309
ctgcccgtt gcccgtagct gactcagntt cctcatcttc atctccatcc tcttctcac 60
catcaccttc ttcttctcc tctcttctt cccacacctc ttctctttct tcgtctacct 120
cattgtcag 129

<210> 310
<211> 390
<212> DNA
<213> Homo sapien

<400> 310
tgaggctggg ggagagccgt ggtccctgag gatgggtcag agctaaactc cttcctggcc 60
tgagagtcag ctctctgccc tgtgtacttc ccgggccagg gctgccccta atctctgtag 120
gaaccgtggt atgtctgcat gttgccctt tctcttttcc cctttcctgt cccaccatac 180
gagcacctcc agcctgaaca gaagctctta ctctttccta tttcagtgtt acctgtgtgc 240
ttggtctgtt tgactttacg cccatctcag gacacttccg tagactgttt aggttccccct 300
gtcaaatac agttaccac tcggtcccag ttttgttgcc ccagaaaggg atgttattat 360
ccttgggggc tcccagggca aggtttaagg 390

<210> 311
<211> 355
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 311
cctctctgtg ctgctgaagg cagatcgctt gttccacacc agctaccact cccaggcagt 60
gcatatccgc ctgttgagaa atgccgtgtc tagattgtgg acaagagcct gcgtgattat 120
gctatangga naaaaattct tcgagttcca cccnancctc totaaacatt tggctcactc 180
aaaacaaaaa gncaccaatc ttantactgc tgaacttcat ttatgtnacc taacattaac 240
cntcgtagga aaaccaaata gccctctcgt ncangatatg ttgctaaagg actacntgt 300
tcaacacaac ggctccggtg tgtgaactcc tgtttgggtg attcccctac tctca 355

<210> 312
<211> 498

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<212> DNA

<213> Homo sapien

<400> 312

ccattctttt	gaatctaata	tattatcaat	agcatcctcc	ataatatctt	tgataaaaagg	60
tgtccaccga	gagagctgaa	aagtttcttc	tgcagaccga	tcctttctta	acggtttgcc	120
ttgttgagat	tggggaacaa	tgggaacacc	aaggtaactc	cagttacgaa	tcattgtcact	180
ctcattttct	atctttacat	tctggatcaa	cctgtccaaa	ttttcttcg	tagttccatt	240
aatactgaag	atataaagta	gaattgctct	tattttatca	caattatcat	gatttttgtt	300
gagtagaact	ggaaggagta	ctcgcatgga	atctttcacc	ttctgtcctt	ctgcatcagt	360
tccaagtgcc	aggctctgtt	cagttttgca	gagcttttct	atattaagct	tgaacttatt	420
catgcaatct	tctgctaagt	taagatggac	aacttgctta	gtaatctgtt	ttcggaaata	480
gggcatcttt	ttcatcag					498

<210> 313

<211> 653

<212> DNA

<213> Homo sapien

<400> 313

aaacttatca	gattttttta	agttaggtaa	tttcaatcca	cagtggctcc	atatggttaa	60
aaaaacaaaa	acaaaaacgc	atttaaggat	acacgaagca	gtgaaaacaa	agccccagta	120
ttttcgctaa	agtactggaa	atacctgttt	ctaaaaacag	ctttatattt	gtccactgcc	180
tagaatagct	ctcacccaaa	cctcaaaaat	aagagcagat	agatttttaga	agcaagaaaa	240
ggtaaacagt	gcccatatta	tttgagactg	gctctgctgc	cctccctaag	ccagtttaca	300
ttctttgaga	ttcttgaggt	gggtgagtc	gggctgaaga	ctgcacaggc	catgtcccct	360
gtcceaacta	ttcctcagaa	cgtcccaggt	ggagggagtg	gcctgtcgat	tttactcat	420
tccatggagc	tctgtgtaca	tgaaaattcc	tccaagtgtg	gcttttgtcg	aattcagaga	480
tacagcaagc	cacgcataaa	acatggagtg	tagagcactg	gtgtacctag	cttagaaaca	540
ccctcgggtga	atgtgggtact	gtggctcgaa	aggaagcaag	ggacaggacc	caggagactg	600
ggcgccagc	ctctcggagt	tccacacaca	cctgtgaagc	ccggccagca	cag	653

<210> 314

<211> 513

<212> DNA

<213> Homo sapien

<400> 314

ctggaagatt	ttgctgcatt	tggcattata	ctgtaattta	cagtatacaa	catctgggga	60
ctcagtacta	tcttagcaca	gactaacttc	tcccactccg	tcagaggtgg	caggtggcgg	120
gtcgggtggg	agggcctttt	ctccccataa	atgcctgaac	tttaatttat	accatataag	180
aaatcagtga	aaggtaaaca	acaaggttta	tgtaactcta	ttataaattt	tgcatttttt	240
ttctctgtga	catatacaag	tatatTTTTg	TTTTTggagc	tataaattat	ttaatTTtagc	300
aatcttcaaa	gtcataaaat	ttcaactttt	caaataagaa	attttaactt	caaataagaa	360
gtctaggact	ttatggctat	taatttttact	atcaaaatat	ccaagggact	ccattcaatg	420
taatagttat	aattcttcta	aatatcattt	gaataattct	ttgtggacgc	tagactcaag	480
actatgctac	atccaaacag	tacatctata	acc			513

<210> 315

<211> 222

<212> DNA

<213> Homo sapien

<220>

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<221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 315
 atttatattc aaggnatctc aaagaaagca ttttcatttc actgcacatc tagagaaaaa 60
 caaaaataga aaatttttcta gtccatccta atctgaatgg tgctgtttct atattggtca 120
 ttgccttgca aacaggagct ccacaaaagc caggaagaga gactgcctcc ttggctgaaa 180
 gagtcctttc aggaaggtgg actgcattgg tttgatatgt tt 222

<210> 316
 <211> 1633
 <212> DNA
 <213> Homo sapiens

<400> 316
 cgtggaggca gctagcgcga ggctggggag cgctgagccg cgcgtcgtgc cctgcgctgc 60
 ccagactagc gaacaatata gtcgggatgg cttaaaggatga cccaagaaa ccaaagggca 120
 agacgtccgc ttatgccttc tttgtgcaga catgcagaga agaacataag aagaaaaacc 180
 cagaggtccc tgtcaatttt gcggaatttt ccaagaagtg ctctgagagg tggaagacgg 240
 tgtccgggaa agagaaatcc aaatttgatg aaatggcaaa ggcagataaa gtgcgctatg 300
 atcgggaaat gaaggattat ggaccagcta agggaggcaa gaagaagaag gatcctaattg 360
 ctcccaaaaag gccaccgtct ggattcttcc tgttctgttc agaattccgc cccaagatca 420
 aatccacaaa ccccggtatc tctattggag acgtggcaaa aaagctgggt gagatgtgga 480
 ataatttaaa tgacagtga aagcagcctt acatcactaa ggcggcaaa ctgaaggaga 540
 agtatgagaa ggatgttgct gactataagt cgaaaggaaa gtttgatggt gcaaaggggc 600
 ctgctaaagt tgcccgaaa aaggtggaag aggaagatga agaacaggag gaggaagaag 660
 aggaggagga ggaggaggag gatgaataaa gaaactgttt atctgtctcc ttgtgaatac 720
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<210> 321

<211> 2280

<212> DNA

<213> Homo sapiens

<400> 321

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 gccgccaccc acatagtata ccccttgctg caaggatggg tgatgtatgt ctgctcacc 180
 tcgtttctca tctccttgat gttcctgttg tcttacttgt ttggatttta caaaagattt 240
 gaatcctgga gagttctgga cagcctgtac cacgggacca ctggcatcct gtacatgagc 300
 gctgccgtcc tacaagtaca tgccacgatt gtttctgaga aactgctgga cccaagaatt 360
 tactacatta attcggcagc ctcgttcttc gccttcacg ccacgctgct ctacattctc 420
 catgccttca gcatctatta ccactgatgc acaggcgcca ggccaagggg gaaatgctct 480
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 aacggaagat ccactaaaac gtccacggga ttaacagaac gtccctgcag actgagcgat 600
 gacaccacac tttgtttgga catttaaatt cactctgctg aataggagga agcttttctt 660
 tttctggga aaacaactgt ctcttgaat tatctgacca tgaacttgct cttctagaca 720
 actcacatca aagccctcac tccactaatg gagaatccta gcccactaa tgccaagtct 780
 gtttggggat tttgcctcag ctatgggctt ccctagagta ggtctagggg aatactcagt 840
 ctgatctttt ttttgtttgt tttattttgt tttttttgag acggagtctc gctcttcctc 900
 caaggctgga gtgcagtgc gcgatctcca ctactgcag gctccgcctc ccgggttccc 960
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 agcagctgcc ggacgcctgg gtcaggaatc caagacccca cctcttaagg actggttctt 1560
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 acgggcaaaag ttgtgcacac taaaatatca aatcaagggt cttggtttta aagtaaatgt 1860
 ttttctaaag aaagctgtgt tcttctgttg acccagacga atagggcaca gccctgtaac 1920
 tgcacgtgcc ttctgtcatt gggaatgaaa taaattatta cgagaaaggg acttgtccta 1980

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 tcactttctg atcactctga tacttttttt tttttttttt ttttgcaacc tgataccttg 2160
 aaaagcttct atgtgtctct ccttttgttg cctggcagct gtctaggatg atcactgatt 2220
 actatttact aagtagccac atgcaaataa aagttgtttg gtaaaatgga aaaaaaaaaa 2280

<210> 322

<211> 1398

<212> DNA

<213> Homo sapiens

<400> 322

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 ctaacccaaa ggaattgaaa ggaaccactc attcacttct agacgacaaa atgcaaaaaa 180
 ggaggccaaa gacttttgga atggatatga aagcatacct gagatctatg atcccacatc 240
 tggaatctgg aatgaaatct tccaagtcca aggatgtact ttctgctgct gaagtaatgc 300
 aatggctctc atctctggaa aaacttcttg ccaacccaaac tgggtcaaat gtctttggaa 360
 gtttcctaaa gtctgaattc agtgaggaga atattgagtt ctggctggct tgtgaagact 420
 ataagaaaac agagtctgat cttttgccct gtaaagcaga agagatatat aaagcatttg 480
 tgcattcaga tgctgctaaa caaatcaata ttgacttccg cactcgagaa tctacagcca 540
 agaagattaa agcaccaacc cccacgtggt ttgatgaagc acaaaaagtc atatatactc 600
 ttatggaaaa ggactcttat cccaggttcc tcaaatacaga tatttactta aatcttctaa 660
 atgacctgca ggctaatagc ctaaagtgc tggtccctgg ctgaaggga ttaacagata 720
 gtatcaaggc acgaaggaat gtgccagtat ggctccctgg gtgaacagct tggccttttt 780
 tgggtgtctt gacaggccaa gaagaacaaa tgactcagaa tggattaaca tgaaagtatt 840
 ccaggcgag agttgaagaa gcataagcaa gacaaaaaca gagagaccgc agaaggagga 900
 agatactgtg gtactgtcat aaaaaacagt ggagctctgt attagaaagc ccctcagaac 960
 tgggaaggcc aggttaactct agttacacag aaactgtgac taaagtctat gaaactgatt 1020
 acaacaggct gtaagaatca aagtcaactg acatctatgc tacatattat tatatagttt 1080
 gtactgagct attgaagtcc cattaactta aagtatatgt tttcaaattg ccattgctac 1140
 tattgcttgt cgggtgattt tattttattg tttttgactt tggaagagat gaactgtgta 1200
 tttaacttaa gctattgctc ttaaaaccag ggatcagaat atatttgtaa gttaaatcat 1260
 tgggtgctaa aataaatgtg gattttgtat taaaatatat agaagcaatt tctgtttaca 1320
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 ttcattttaa aaaaaaaaaa 1398

<210> 323

<211> 1316

<212> DNA

<213> Homo sapiens

<400> 323

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 gtgaaagaag cagtgaaggt ggccattgat gcaggatatc ggacattga ctgtgcctat 180
 gtctatcaga atgaacatga agtgggggaa gccatccaag agaagatcca agagaaggct 240
 gtgaagcggg aggacctgtt catcgtcagc aagttgtggc ccactttctt tgagagaccc 300
 cttgtgagga aagcctttga gaagaccctc aaggacctga agctgagcta tctggacgtc 360
 tatcttattc actggccaca gggattcaag tctggggatg accttttccc caaagatgat 420
 aaaggtaatg ccatcggttg aaaagcaacg ttcttgatg cctgggaggc catggaggag 480
 ctgggtggatg aggggctggt gaaagccctt ggggtctcca atttcagcca cttccagatc 540
 gagaagctct tgaacaaacc tggactgaaa tataaaccag tgactaacca ggttgagtg 600
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<210> 324
<211> 200
<212> PRT
<213> Homo sapiens
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Met Ala Lys Gly Asp Pro Lys Lys Pro Lys Gly Lys Thr Ser Ala Tyr
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Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys Asn Pro
20 25 30

Glu Val Pro Val Asn Phe Ala Glu Phe Ser Lys Lys Cys Ser Glu Arg
35 40 45

Trp Lys Thr Val Ser Gly Lys Glu Lys Ser Lys Phe Asp Glu Met Ala
50 55 60

Lys Ala Asp Lys Val Arg Tyr Asp Arg Glu Met Lys Asp Tyr Gly Pro
65 70 75 80

Ala Lys Gly Gly Lys Lys Lys Lys Asp Pro Asn Ala Pro Lys Arg Pro
85 90 95

Pro Ser Gly Phe Phe Leu Phe Cys Ser Glu Phe Arg Pro Lys Ile Lys
100 105 110

Ser Thr Asn Pro Gly Ile Ser Ile Gly Asp Val Ala Lys Lys Leu Gly
115 120 125

Glu Met Trp Asn Asn Leu Asn Asp Ser Glu Lys Gln Pro Tyr Ile Thr
130 135 140

Lys Ala Ala Lys Leu Lys Glu Lys Tyr Glu Lys Asp Val Ala Asp Tyr
145 150 155 160

Lys Ser Lys Gly Lys Phe Asp Gly Ala Lys Gly Pro Ala Lys Val Ala
165 170 175

Arg Lys Lys Val Glu Glu Glu Asp Glu Glu Gln Glu Glu Glu Glu
180 185 190

Glu Glu Glu Glu Glu Glu Asp Glu
195 200

<210> 325
<211> 263
<212> PRT
<213> Homo sapiens

<400> 325
Met Phe Arg Asn Gln Tyr Asp Asn Asp Val Thr Val Trp Ser Pro Gln
5 10 15
Gly Arg Ile His Gln Ile Glu Tyr Ala Met Glu Ala Val Lys Gln Gly
20 25 30
Ser Ala Thr Val Gly Leu Lys Ser Lys Thr His Ala Val Leu Val Ala
35 40 45
Leu Lys Arg Ala Gln Ser Glu Leu Ala Ala His Gln Lys Lys Ile Leu
50 55 60
His Val Asp Asn His Ile Gly Ile Ser Ile Ala Gly Leu Thr Ala Asp
65 70 75 80
Ala Arg Leu Leu Cys Asn Phe Met Arg Gln Glu Cys Leu Asp Ser Arg
85 90 95
Phe Val Phe Asp Arg Pro Leu Pro Val Ser Arg Leu Val Ser Leu Ile
100 105 110
Gly Ser Lys Thr Gln Ile Pro Thr Gln Arg Tyr Gly Arg Arg Pro Tyr
115 120 125
Gly Val Gly Leu Leu Ile Ala Gly Tyr Asp Asp Met Gly Pro His Ile
130 135 140
Phe Gln Thr Cys Pro Ser Ala Asn Tyr Phe Asp Cys Arg Ala Met Ser
145 150 155 160
Ile Gly Ala Arg Ser Gln Ser Ala Arg Thr Tyr Leu Glu Arg His Met
165 170 175
Ser Glu Phe Met Glu Cys Asn Leu Asn Glu Leu Val Lys His Gly Leu
180 185 190
Arg Ala Leu Arg Glu Thr Leu Pro Ala Glu Gln Asp Leu Thr Thr Lys
195 200 205
Asn Val Ser Ile Gly Ile Val Gly Lys Asp Leu Glu Phe Thr Ile Tyr
210 215 220
Asp Asp Asp Asp Val Ser Pro Phe Leu Glu Gly Leu Glu Glu Arg Pro
225 230 235 240

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Gln Arg Lys Ala Gln Pro Ala Gln Pro Ala Asp Glu Pro Ala Glu Lys
 245 250 255

Ala Asp Glu Pro Met Glu His
 260

<210> 326

<211> 539

<212> PRT

<213> Homo sapiens

<400> 326

Met Pro Glu Asn Val Ala Pro Arg Ser Gly Ala Thr Ala Gly Ala Ala
 5 10 15

Gly Gly Arg Gly Lys Gly Ala Tyr Gln Asp Arg Asp Lys Pro Ala Gln
 20 25 30

Ile Arg Phe Ser Asn Ile Ser Ala Ala Lys Ala Val Ala Asp Ala Ile
 35 40 45

Arg Thr Ser Leu Gly Pro Lys Gly Met Asp Lys Met Ile Gln Asp Gly
 50 55 60

Lys Gly Asp Val Thr Ile Thr Asn Asp Gly Ala Thr Ile Leu Lys Gln
 65 70 75 80

Met Gln Val Leu His Pro Ala Ala Arg Met Leu Val Glu Leu Ser Lys
 85 90 95

Ala Gln Asp Ile Glu Ala Gly Asp Gly Thr Thr Ser Val Val Ile Ile
 100 105 110

Ala Gly Ser Leu Leu Asp Ser Cys Thr Lys Leu Leu Gln Lys Gly Ile
 115 120 125

His Pro Thr Ile Ile Ser Glu Ser Phe Gln Lys Ala Leu Glu Lys Gly
 130 135 140

Ile Glu Ile Leu Thr Asp Met Ser Arg Pro Val Glu Leu Ser Asp Arg
 145 150 155 160

Glu Thr Leu Leu Asn Ser Ala Thr Thr Ser Leu Asn Ser Lys Val Val
 165 170 175

Ser Gln Tyr Ser Ser Leu Leu Ser Pro Met Ser Val Asn Ala Val Met
 180 185 190

Lys Val Ile Asp Pro Ala Thr Ala Thr Ser Val Asp Leu Arg Asp Ile
 195 200 205

Lys Ile Val Lys Lys Leu Gly Gly Thr Ile Asp Asp Cys Glu Leu Val

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210 215 220
 Glu Gly Leu Val Leu Thr Gln Lys Val Ser Asn Ser Gly Ile Thr Arg
 225 230 235 240
 Val Glu Lys Ala Lys Ile Gly Leu Ile Gln Phe Cys Leu Ser Ala Pro
 245 250 255
 Lys Thr Asp Met Asp Asn Gln Ile Val Val Ser Asp Tyr Ala Gln Met
 260 265 270
 Asp Arg Val Leu Arg Glu Glu Arg Ala Tyr Ile Leu Asn Leu Val Lys
 275 280 285
 Gln Ile Lys Lys Thr Gly Cys Asn Val Leu Leu Ile Gln Lys Ser Ile
 290 295 300
 Leu Arg Asp Ala Leu Ser Asp Leu Ala Leu His Phe Leu Asn Lys Met
 305 310 315 320
 Lys Ile Met Val Ile Lys Asp Ile Glu Arg Glu Asp Ile Glu Phe Ile
 325 330 335
 Cys Lys Thr Ile Gly Thr Lys Pro Val Ala His Ile Asp Gln Phe Thr
 340 345 350
 Ala Asp Met Leu Gly Ser Ala Glu Leu Ala Glu Glu Val Asn Leu Asn
 355 360 365
 Gly Ser Gly Lys Leu Leu Lys Ile Thr Gly Cys Ala Ser Pro Gly Lys
 370 375 380
 Thr Val Thr Ile Val Val Arg Gly Ser Asn Lys Leu Val Ile Glu Glu
 385 390 395 400
 Ala Glu Arg Ser Ile His Asp Ala Leu Cys Val Ile Arg Cys Leu Val
 405 410 415
 Lys Lys Arg Ala Leu Ile Ala Gly Gly Gly Ala Pro Glu Ile Glu Leu
 420 425 430
 Ala Leu Arg Leu Thr Glu Tyr Ser Arg Thr Leu Ser Gly Met Glu Ser
 435 440 445
 Tyr Cys Val Arg Ala Phe Ala Asp Ala Met Glu Val Ile Pro Ser Thr
 450 455 460
 Leu Ala Glu Asn Ala Gly Leu Asn Pro Ile Ser Thr Val Thr Glu Leu
 465 470 475 480
 Arg Asn Arg His Ala Gln Gly Glu Lys Thr Ala Gly Ile Asn Val Arg
 485 490 495
 Lys Gly Gly Ile Ser Asn Ile Leu Glu Glu Leu Val Val Gln Pro Leu

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500

505

510

Leu Val Ser Val Ser Ala Leu Thr Leu Ala Thr Glu Thr Val Arg Ser
 515 520 525

Ile Leu Lys Ile Asp Asp Val Val Asn Thr Arg
 530 535

<210> 327

<211> 144

<212> PRT

<213> Homo sapiens

<400> 327

Met Ala Phe Thr Phe Ala Ala Phe Cys Tyr Met Leu Ala Leu Leu Leu
 5 10 15

Thr Ala Ala Leu Ile Phe Phe Ala Ile Trp His Ile Ile Ala Phe Asp
 20 25 30

Glu Leu Lys Thr Asp Tyr Lys Asn Pro Ile Asp Gln Cys Asn Thr Leu
 35 40 45

Asn Pro Leu Val Leu Pro Glu Tyr Leu Ile His Ala Phe Phe Cys Val
 50 55 60

Met Phe Leu Cys Ala Ala Glu Trp Leu Thr Leu Gly Leu Asn Met Pro
 65 70 75 80

Leu Leu Ala Tyr His Ile Trp Arg Tyr Met Ser Arg Pro Val Met Ser
 85 90 95

Gly Pro Gly Leu Tyr Asp Pro Thr Thr Ile Met Asn Ala Asp Ile Leu
 100 105 110

Ala Tyr Cys Gln Lys Glu Gly Trp Cys Lys Leu Ala Phe Tyr Leu Leu
 115 120 125

Ala Phe Phe Tyr Tyr Leu Tyr Gly Met Ile Tyr Val Leu Val Ser Ser
 130 135 140

<210> 328

<211> 138

<212> PRT

<213> Homo sapiens

<400> 328

Met Pro Asn Phe Ser Gly Asn Trp Lys Ile Ile Arg Ser Glu Asn Phe
 5 10 15

Glu Glu Leu Leu Lys Val Leu Gly Val Asn Val Met Leu Arg Lys Ile
 20 25 30

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Ala Val Ala Ala Ala Ser Lys Pro Ala Val Glu Ile Lys Gln Glu Gly
35 40 45

Asp Thr Phe Tyr Ile Lys Thr Ser Thr Thr Val Arg Thr Thr Glu Ile
50 55 60

Asn Phe Lys Val Gly Glu Glu Phe Glu Glu Gln Thr Val Asp Gly Arg
65 70 75 80

Pro Cys Lys Ser Leu Val Lys Trp Glu Ser Glu Asn Lys Met Val Cys
85 90 95

Glu Gln Lys Leu Leu Lys Gly Glu Gly Pro Lys Thr Ser Trp Thr Arg
100 105 110

Glu Leu Thr Asn Asp Gly Glu Leu Ile Leu Thr Met Thr Ala Asp Asp
115 120 125

Val Val Cys Thr Arg Val Tyr Val Arg Glu
130 135

<210> 329

<211> 346

<212> PRT

<213> Homo sapiens

<400> 329

Met Phe Leu Ser Ile Leu Val Ala Leu Cys Leu Trp Leu His Leu Ala
5 10 15

Leu Gly Val Arg Gly Ala Pro Cys Glu Ala Val Arg Ile Pro Met Cys
20 25 30

Arg His Met Pro Trp Asn Ile Thr Arg Met Pro Asn His Leu His His
35 40 45

Ser Thr Gln Glu Asn Ala Ile Leu Ala Ile Glu Gln Tyr Glu Glu Leu
50 55 60

Val Asp Val Asn Cys Ser Ala Val Leu Arg Phe Phe Cys Ala Met
65 70 75 80

Tyr Ala Pro Ile Cys Thr Leu Glu Phe Leu His Asp Pro Ile Lys Pro
85 90 95

Cys Lys Ser Val Cys Gln Arg Ala Arg Asp Asp Cys Glu Pro Leu Met
100 105 110

Lys Met Tyr Asn His Ser Trp Pro Glu Ser Leu Ala Cys Asp Glu Leu
115 120 125

Pro Val Tyr Asp Arg Gly Val Cys Ile Ser Pro Glu Ala Ile Val Thr

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130 135 140
 Asp Leu Pro Glu Asp Val Lys Trp Ile Asp Ile Thr Pro Asp Met Met
 145 150 155 160
 Val Gln Glu Arg Pro Leu Asp Val Asp Cys Lys Arg Leu Ser Pro Asp
 165 170 175
 Arg Cys Lys Cys Lys Lys Val Lys Pro Thr Leu Ala Thr Tyr Leu Ser
 180 185 190
 Lys Asn Tyr Ser Tyr Val Ile His Ala Lys Ile Lys Ala Val Gln Arg
 195 200 205
 Ser Gly Cys Asn Glu Val Thr Thr Val Val Asp Val Lys Glu Ile Phe
 210 215 220
 Lys Ser Ser Ser Pro Ile Pro Arg Thr Gln Val Pro Leu Ile Thr Asn
 225 230 235 240
 Ser Ser Cys Gln Cys Pro His Ile Leu Pro His Gln Asp Val Leu Ile
 245 250 255
 Met Cys Tyr Glu Trp Arg Ser Arg Met Met Leu Leu Glu Asn Cys Leu
 260 265 270
 Val Glu Lys Trp Arg Asp Gln Leu Ser Lys Arg Ser Ile Gln Trp Glu
 275 280 285
 Glu Arg Leu Gln Glu Gln Arg Arg Thr Val Gln Asp Lys Lys Lys Thr
 290 295 300
 Ala Gly Arg Thr Ser Arg Ser Asn Pro Pro Lys Pro Lys Gly Lys Pro
 305 310 315 320
 Pro Ala Pro Lys Pro Ala Ser Pro Lys Lys Asn Ile Lys Thr Arg Ser
 325 330 335
 Ala Gln Lys Arg Thr Asn Pro Lys Arg Val
 340 345

<210> 330
 <211> 826
 <212> PRT
 <213> Homo sapiens

<400> 330
 Met Glu Gly Ala Gly Gly Ala Asn Asp Lys Lys Lys Ile Ser Ser Glu
 5 10 15
 Arg Arg Lys Glu Lys Ser Arg Asp Ala Ala Arg Ser Arg Arg Ser Lys
 20 25 30

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Glu Ser Glu Val Phe Tyr Glu Leu Ala His Gln Leu Pro Leu Pro His
 35 40 45
 Asn Val Ser Ser His Leu Asp Lys Ala Ser Val Met Arg Leu Thr Ile
 50 55 60
 Ser Tyr Leu Arg Val Arg Lys Leu Leu Asp Ala Gly Asp Leu Asp Ile
 65 70 75 80
 Glu Asp Asp Met Lys Ala Gln Met Asn Cys Phe Tyr Leu Lys Ala Leu
 85 90 95
 Asp Gly Phe Val Met Val Leu Thr Asp Asp Gly Asp Met Ile Tyr Ile
 100 105 110
 Ser Asp Asn Val Asn Lys Tyr Met Gly Leu Thr Gln Phe Glu Leu Thr
 115 120 125
 Gly His Ser Val Phe Asp Phe Thr His Pro Cys Asp His Glu Glu Met
 130 135 140
 Arg Glu Met Leu Thr His Arg Asn Gly Leu Val Lys Lys Gly Lys Glu
 145 150 155 160
 Gln Asn Thr Gln Arg Ser Phe Phe Leu Arg Met Lys Cys Thr Leu Thr
 165 170 175
 Ser Arg Gly Arg Thr Met Asn Ile Lys Ser Ala Thr Trp Lys Val Leu
 180 185 190
 His Cys Thr Gly His Ile His Val Tyr Asp Thr Asn Ser Asn Gln Pro
 195 200 205
 Gln Cys Gly Tyr Lys Lys Pro Pro Met Thr Cys Leu Val Leu Ile Cys
 210 215 220
 Glu Pro Ile Pro His Pro Ser Asn Ile Glu Ile Pro Leu Asp Ser Lys
 225 230 235 240
 Thr Phe Leu Ser Arg His Ser Leu Asp Met Lys Phe Ser Tyr Cys Asp
 245 250 255
 Glu Arg Ile Thr Glu Leu Met Gly Tyr Glu Pro Glu Glu Leu Leu Gly
 260 265 270
 Arg Ser Ile Tyr Glu Tyr Tyr His Ala Leu Asp Ser Asp His Leu Thr
 275 280 285
 Lys Thr His His Asp Met Phe Thr Lys Gly Gln Val Thr Thr Gly Gln
 290 295 300
 Tyr Arg Met Leu Ala Lys Arg Gly Gly Tyr Val Trp Val Glu Thr Gln
 305 310 315 320

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 105050

Ala Thr Val Ile Tyr Asn Thr Lys Asn Ser Gln Pro Gln Cys Ile Val
 325 330 335
 Cys Val Asn Tyr Val Val Ser Gly Ile Ile Gln His Asp Leu Ile Phe
 340 345 350
 Ser Leu Gln Gln Thr Glu Cys Val Leu Lys Pro Val Glu Ser Ser Asp
 355 360 365
 Met Lys Met Thr Gln Leu Phe Thr Lys Val Glu Ser Glu Asp Thr Ser
 370 375 380
 Ser Leu Phe Asp Lys Leu Lys Lys Glu Pro Asp Ala Leu Thr Leu Leu
 385 390 395 400
 Ala Pro Ala Ala Gly Asp Thr Ile Ile Ser Leu Asp Phe Gly Ser Asn
 405 410 415
 Asp Thr Glu Thr Asp Asp Gln Gln Leu Glu Glu Val Pro Leu Tyr Asn
 420 425 430
 Asp Val Met Leu Pro Ser Pro Asn Glu Lys Leu Gln Asn Ile Asn Leu
 435 440 445
 Ala Met Ser Pro Leu Pro Thr Ala Glu Thr Pro Lys Pro Leu Arg Ser
 450 455 460
 Ser Ala Asp Pro Ala Leu Asn Gln Glu Val Ala Leu Lys Leu Glu Pro
 465 470 475 480
 Asn Pro Glu Ser Leu Glu Leu Ser Phe Thr Met Pro Gln Ile Gln Asp
 485 490 495
 Gln Thr Pro Ser Pro Ser Asp Gly Ser Thr Arg Gln Ser Ser Pro Glu
 500 505 510
 Pro Asn Ser Pro Ser Glu Tyr Cys Phe Tyr Val Asp Ser Asp Met Val
 515 520 525
 Asn Glu Phe Lys Leu Glu Leu Val Glu Lys Leu Phe Ala Glu Asp Thr
 530 535 540
 Glu Ala Lys Asn Pro Phe Ser Thr Gln Asp Thr Asp Leu Asp Leu Glu
 545 550 555 560
 Met Leu Ala Pro Tyr Ile Pro Met Asp Asp Asp Phe Gln Leu Arg Ser
 565 570 575
 Phe Asp Gln Leu Ser Pro Leu Glu Ser Ser Ser Ala Ser Pro Glu Ser
 580 585 590
 Ala Ser Pro Gln Ser Thr Val Thr Val Phe Gln Gln Thr Gln Ile Gln
 595 600 605

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Glu Pro Thr Ala Asn Ala Thr Thr Thr Thr Ala Thr Thr Asp Glu Leu
610 615 620

Lys Thr Val Thr Lys Asp Arg Met Glu Asp Ile Lys Ile Leu Ile Ala
625 630 635 640

Ser Pro Ser Pro Thr His Ile His Lys Glu Thr Thr Ser Ala Thr Ser
645 650 655

Ser Pro Tyr Arg Asp Thr Gln Ser Arg Thr Ala Ser Pro Asn Arg Ala
660 665 670

Gly Lys Gly Val Ile Glu Gln Thr Glu Lys Ser His Pro Arg Ser Pro
675 680 685

Asn Val Leu Ser Val Ala Leu Ser Gln Arg Thr Thr Val Pro Glu Glu
690 695 700

Glu Leu Asn Pro Lys Ile Leu Ala Leu Gln Asn Ala Gln Arg Lys Arg
705 710 715 720

Lys Met Glu His Asp Gly Ser Leu Phe Gln Ala Val Gly Ile Gly Thr
725 730 735

Leu Leu Gln Gln Pro Asp Asp His Ala Ala Thr Thr Ser Leu Ser Trp
740 745 750

Lys Arg Val Lys Gly Cys Lys Ser Ser Glu Gln Asn Gly Met Glu Gln
755 760 765

Lys Thr Ile Ile Leu Ile Pro Ser Asp Leu Ala Cys Arg Leu Leu Gly
770 775 780

Gln Ser Met Asp Glu Ser Gly Leu Pro Gln Leu Thr Ser Tyr Asp Cys
785 790 795 800

Glu Val Asn Ala Pro Ile Gln Gly Ser Arg Asn Leu Leu Gln Gly Glu
805 810 815

Glu Leu Leu Arg Ala Leu Asp Gln Val Asn
820 825

<210> 331

<211> 92

<212> PRT

<213> Homo sapiens

<400> 331

Met Ala Tyr Arg Gly Gln Gly Gln Lys Val Gln Lys Val Met Val Gln
5 10 15

Pro Ile Asn Leu Ile Phe Arg Tyr Leu Gln Asn Arg Ser Arg Ile Gln
20 25 30

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Val Trp Leu Tyr Glu Gln Val Asn Met Arg Ile Glu Gly Cys Ile Ile
35 40 45

Gly Phe Asp Glu Tyr Met Asn Leu Val Leu Asp Asp Ala Glu Glu Ile
50 55 60

His Ser Lys Thr Lys Ser Arg Lys Gln Leu Gly Arg Ile Met Leu Lys
65 70 75 80

Gly Asp Asn Ile Thr Leu Leu Gln Ser Val Ser Asn
85 90

<210> 332

<211> 235

<212> PRT

<213> Homo sapiens

<400> 332

Met Asp Pro Ala Arg Pro Leu Gly Leu Ser Ile Leu Leu Leu Phe Leu
5 10 15

Thr Glu Ala Ala Leu Gly Asp Ala Ala Gln Glu Pro Thr Gly Asn Asn
20 25 30

Ala Glu Ile Cys Leu Leu Pro Leu Asp Tyr Gly Pro Cys Arg Ala Leu
35 40 45

Leu Leu Arg Tyr Tyr Tyr Asp Arg Tyr Thr Gln Ser Cys Arg Gln Phe
50 55 60

Leu Tyr Gly Gly Cys Glu Gly Asn Ala Asn Asn Phe Tyr Thr Trp Glu
65 70 75 80

Ala Cys Asp Asp Ala Cys Trp Arg Ile Glu Lys Val Pro Lys Val Cys
85 90 95

Arg Leu Gln Val Ser Val Asp Asp Gln Cys Glu Gly Ser Thr Glu Lys
100 105 110

Tyr Phe Phe Asn Leu Ser Ser Met Thr Cys Glu Lys Phe Phe Ser Gly
115 120 125

Gly Cys His Arg Asn Arg Ile Glu Asn Arg Phe Pro Asp Glu Ala Thr
130 135 140

Cys Met Gly Phe Cys Ala Pro Lys Lys Ile Pro Ser Phe Cys Tyr Ser
145 150 155 160

Pro Lys Asp Glu Gly Leu Cys Ser Ala Asn Val Thr Arg Tyr Tyr Phe
165 170 175

Asn Pro Arg Tyr Arg Thr Cys Asp Ala Phe Thr Tyr Thr Gly Cys Gly
180 185 190

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Gly Asn Asp Asn Asn Phe Val Ser Arg Glu Asp Cys Lys Arg Ala Cys
195 200 205

Ala Lys Ala Leu Lys Lys Lys Lys Lys Met Pro Lys Leu Arg Phe Ala
210 215 220

Ser Arg Ile Arg Lys Ile Arg Lys Lys Gln Phe
225 230 235

<210> 333

<211> 291

<212> PRT

<213> Homo sapiens

<400> 333

Met Gln Arg Ala Arg Pro Thr Leu Trp Ala Ala Ala Leu Thr Leu Leu
5 10 15

Val Leu Leu Arg Gly Pro Pro Val Ala Arg Ala Gly Ala Ser Ser Gly
20 25 30

Gly Leu Gly Pro Val Val Arg Cys Glu Pro Cys Asp Ala Arg Ala Leu
35 40 45

Ala Gln Cys Ala Pro Pro Pro Ala Val Cys Ala Glu Leu Val Arg Glu
50 55 60

Pro Gly Cys Gly Cys Cys Leu Thr Cys Ala Leu Ser Glu Gly Gln Pro
65 70 75 80

Cys Gly Ile Tyr Thr Glu Arg Cys Gly Ser Gly Leu Arg Cys Gln Pro
85 90 95

Ser Pro Asp Glu Ala Arg Pro Leu Gln Ala Leu Leu Asp Gly Arg Gly
100 105 110

Leu Cys Val Asn Ala Ser Ala Val Ser Arg Leu Arg Ala Tyr Leu Leu
115 120 125

Pro Ala Pro Pro Ala Pro Gly Asn Ala Ser Glu Ser Glu Glu Asp Arg
130 135 140

Ser Ala Gly Ser Val Glu Ser Pro Ser Val Ser Ser Thr His Arg Val
145 150 155 160

Ser Asp Pro Lys Phe His Pro Leu His Ser Lys Ile Ile Ile Ile Lys
165 170 175

Lys Gly His Ala Lys Asp Ser Gln Arg Tyr Lys Val Asp Tyr Glu Ser
180 185 190

Gln Ser Thr Asp Thr Gln Asn Phe Ser Ser Glu Ser Lys Arg Glu Thr

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195 200 205
 Glu Tyr Gly Pro Cys Arg Arg Glu Met Glu Asp Thr Leu Asn His Leu
 210 215 220
 Lys Phe Leu Asn Val Leu Ser Pro Arg Gly Val His Ile Pro Asn Cys
 225 230 235 240
 Asp Lys Lys Gly Phe Tyr Lys Lys Lys Gln Cys Arg Pro Ser Lys Gly
 245 250 255
 Arg Lys Arg Gly Phe Cys Trp Cys Val Asp Lys Tyr Gly Gln Pro Leu
 260 265 270
 Pro Gly Tyr Thr Thr Lys Gly Lys Glu Asp Val His Cys Tyr Ser Met
 275 280 285
 Gln Ser Lys
 290
 <210> 334
 <211> 582
 <212> PRT
 <213> Homo sapiens
 <400> 334
 Glu Ser Lys Gly Ala Ser Ser Cys Arg Leu Leu Phe Cys Leu Leu Ile
 5 10 15
 Ser Ala Thr Val Phe Arg Pro Gly Leu Gly Trp Tyr Thr Val Asn Ser
 20 25 30
 Ala Tyr Gly Asp Thr Ile Ile Ile Pro Cys Arg Leu Asp Val Pro Gln
 35 40 45
 Asn Leu Met Phe Gly Lys Trp Lys Tyr Glu Lys Pro Asp Gly Ser Pro
 50 55 60
 Val Phe Ile Ala Phe Arg Ser Ser Thr Lys Lys Ser Val Gln Tyr Asp
 65 70 75 80
 Asp Val Pro Glu Tyr Lys Asp Arg Leu Asn Leu Ser Glu Asn Tyr Thr
 85 90 95
 Leu Ser Ile Ser Asn Ala Arg Ile Ser Asp Glu Lys Arg Phe Val Cys
 100 105 110
 Met Leu Val Thr Glu Asp Asn Val Phe Glu Ala Pro Thr Ile Val Lys
 115 120 125
 Val Phe Lys Gln Pro Ser Lys Pro Glu Ile Val Ser Lys Ala Leu Phe
 130 135 140

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Leu Glu Thr Glu Gln Leu Lys Lys Leu Gly Asp Cys Ile Ser Glu Asp
 145 150 155 160
 Ser Tyr Pro Asp Gly Asn Ile Thr Trp Tyr Arg Asn Gly Lys Val Leu
 165 170 175
 His Pro Leu Glu Gly Ala Val Val Ile Ile Phe Lys Lys Glu Met Asp
 180 185 190
 Pro Val Thr Gln Leu Tyr Thr Met Thr Ser Thr Leu Glu Tyr Lys Thr
 195 200 205
 Thr Lys Ala Asp Ile Gln Met Pro Phe Thr Cys Ser Val Thr Tyr Tyr
 210 215 220
 Gly Pro Ser Gly Gln Lys Thr Ile His Ser Glu Gln Ala Val Phe Asp
 225 230 235 240
 Ile Tyr Tyr Pro Thr Glu Gln Val Thr Ile Gln Val Leu Pro Pro Lys
 245 250 255
 Asn Ala Ile Lys Glu Gly Asp Asn Ile Thr Leu Lys Cys Leu Gly Asn
 260 265 270
 Gly Asn Pro Pro Pro Glu Glu Phe Leu Phe Tyr Leu Pro Gly Gln Pro
 275 280 285
 Glu Gly Ile Arg Ser Ser Asn Thr Tyr Thr Leu Thr Asp Val Arg Arg
 290 295 300
 Asn Ala Thr Gly Asp Tyr Lys Cys Ser Leu Ile Asp Lys Lys Ser Met
 305 310 315 320
 Ile Ala Ser Thr Ala Ile Thr Val His Tyr Leu Asp Leu Ser Leu Asn
 325 330 335
 Pro Ser Gly Glu Val Thr Arg Gln Ile Gly Asp Ala Leu Pro Val Ser
 340 345 350
 Cys Thr Ile Ser Ala Ser Arg Asn Ala Thr Val Val Trp Met Lys Asp
 355 360 365
 Asn Ile Arg Leu Arg Ser Ser Pro Ser Phe Ser Ser Leu His Tyr Gln
 370 375 380
 Asp Ala Gly Asn Tyr Val Cys Glu Thr Ala Leu Gln Glu Val Glu Gly
 385 390 395 400
 Leu Lys Lys Arg Glu Ser Leu Thr Leu Ile Val Glu Gly Lys Pro Gln
 405 410 415
 Ile Lys Met Thr Lys Lys Thr Asp Pro Ser Gly Leu Ser Lys Thr Ile
 420 425 430

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Ile Cys His Val Glu Gly Phe Pro Lys Pro Ala Ile Gln Trp Thr Ile
435 440 445

Thr Gly Ser Gly Ser Val Ile Asn Gln Thr Glu Glu Ser Pro Tyr Ile
450 455 460

Asn Gly Arg Tyr Tyr Ser Lys Ile Ile Ile Ser Pro Glu Glu Asn Val
465 470 475 480

Thr Leu Thr Cys Thr Ala Glu Asn Gln Leu Glu Arg Thr Val Asn Ser
485 490 495

Leu Asn Val Ser Ala Ile Ser Ile Pro Glu His Asp Glu Ala Asp Glu
500 505 510

Ile Ser Asp Glu Asn Arg Glu Lys Val Asn Asp Gln Ala Lys Leu Ile
515 520 525

Val Gly Ile Val Val Gly Leu Leu Leu Ala Ala Leu Val Ala Gly Val
530 535 540

Val Tyr Trp Leu Tyr Met Lys Lys Ser Lys Thr Ala Ser Lys His Val
545 550 555 560

Asn Lys Asp Leu Gly Asn Met Glu Glu Asn Lys Lys Leu Glu Glu Asn
565 570 575

Asn His Lys Thr Glu Ala
580

<210> 335

<211> 709

<212> PRT

<213> Homo sapiens

<400> 335

Met Ala Glu Val Glu Asp Gln Ala Ala Arg Asp Met Lys Arg Leu Glu
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Glu Lys Asp Lys Glu Arg Lys Asn Val Lys Gly Ile Arg Asp Asp Ile
20 25 30

Glu Glu Glu Asp Asp Gln Glu Ala Tyr Phe Arg Tyr Met Ala Glu Asn
35 40 45

Pro Thr Ala Gly Val Val Gln Glu Glu Glu Glu Asp Asn Leu Glu Tyr
50 55 60

Asp Ser Asp Gly Asn Pro Ile Ala Pro Thr Lys Lys Ile Ile Asp Pro
65 70 75 80

Leu Pro Pro Ile Asp His Ser Glu Ile Asp Tyr Pro Pro Phe Glu Lys
85 90 95

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Asn Phe Tyr Asn Glu His Glu Glu Ile Thr Asn Leu Thr Pro Gln Gln
100 105 110

Leu Ile Asp Leu Arg His Lys Leu Asn Leu Arg Val Ser Gly Ala Ala
115 120 125

Pro Pro Arg Pro Gly Ser Ser Phe Ala His Phe Gly Phe Asp Glu Gln
130 135 140

Leu Met His Gln Ile Arg Lys Ser Glu Tyr Thr Gln Pro Thr Pro Ile
145 150 155 160

Gln Cys Gln Gly Val Pro Val Ala Leu Ser Gly Arg Asp Met Ile Gly
165 170 175

Ile Ala Lys Thr Gly Ser Gly Lys Thr Ala Ala Phe Ile Trp Pro Met
180 185 190

Leu Ile His Ile Met Asp Gln Lys Glu Leu Glu Pro Gly Asp Gly Pro
195 200 205

Ile Ala Val Ile Val Cys Pro Thr Arg Glu Leu Cys Gln Gln Ile His
210 215 220

Ala Glu Cys Lys Arg Phe Gly Lys Ala Tyr Asn Leu Arg Ser Val Ala
225 230 235 240

Val Tyr Gly Gly Gly Ser Met Trp Glu Gln Ala Lys Ala Leu Gln Glu
245 250 255

Gly Ala Glu Ile Val Val Cys Thr Pro Gly Arg Leu Ile Asp His Val
260 265 270

Lys Lys Lys Ala Thr Asn Leu Gln Arg Val Ser Tyr Leu Val Phe Asp
275 280 285

Glu Ala Asp Arg Met Phe Asp Met Gly Phe Glu Tyr Gln Val Arg Ser
290 295 300

Ile Ala Ser His Val Arg Pro Asp Arg Gln Thr Leu Leu Phe Ser Ala
305 310 315 320

Thr Phe Arg Lys Lys Ile Glu Lys Leu Ala Arg Asp Ile Leu Ile Asp
325 330 335

Pro Ile Arg Val Val Gln Gly Asp Ile Gly Glu Ala Asn Glu Asp Val
340 345 350

Thr Gln Ile Val Glu Ile Leu His Ser Gly Pro Ser Lys Trp Asn Trp
355 360 365

Leu Thr Arg Arg Leu Val Glu Phe Thr Ser Ser Gly Ser Val Leu Leu
370 375 380

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Phe Val Thr Lys Lys Ala Asn Ala Glu Glu Leu Ala Asn Asn Leu Lys
385 390 395 400

Gln Glu Gly His Asn Leu Gly Leu Leu His Gly Asp Met Asp Gln Ser
405 410 415

Glu Arg Asn Lys Val Ile Ser Asp Phe Lys Lys Lys Asp Ile Pro Val
420 425 430

Leu Val Ala Thr Asp Val Ala Ala Arg Gly Leu Asp Ile Pro Ser Ile
435 440 445

Lys Thr Val Ile Asn Tyr Asp Val Ala Arg Asp Ile Asp Thr His Thr
450 455 460

His Arg Ile Gly Arg Thr Gly Arg Ala Gly Glu Lys Gly Val Ala Tyr
465 470 475 480

Thr Leu Leu Thr Pro Lys Asp Ser Asn Phe Ala Gly Asp Leu Val Arg
485 490 495

Asn Leu Glu Gly Ala Asn Gln His Val Ser Lys Glu Leu Leu Asp Leu
500 505 510

Ala Met Gln Asn Ala Trp Phe Arg Lys Ser Arg Phe Lys Gly Gly Lys
515 520 525

Gly Lys Lys Leu Asn Ile Gly Gly Gly Gly Leu Gly Tyr Arg Glu Arg
530 535 540

Pro Gly Leu Gly Ser Glu Asn Met Asp Arg Gly Asn Asn Asn Val Met
545 550 555 560

Ser Asn Tyr Glu Ala Tyr Lys Pro Ser Thr Gly Ala Met Gly Asp Arg
565 570 575

Leu Thr Ala Met Lys Ala Ala Phe Gln Ser Gln Tyr Lys Ser His Phe
580 585 590

Val Ala Ala Ser Leu Ser Asn Gln Lys Ala Gly Ser Ser Ala Ala Gly
595 600 605

Ala Ser Gly Trp Thr Ser Ala Gly Ser Leu Asn Ser Val Pro Thr Asn
610 615 620

Ser Ala Gln Gln Gly His Asn Ser Pro Asp Ser Pro Val Thr Ser Ala
625 630 635 640

Ala Lys Gly Ile Pro Gly Phe Gly Asn Thr Gly Asn Ile Ser Gly Ala
645 650 655

Pro Val Thr Tyr Pro Ser Ala Gly Ala Gln Gly Val Asn Asn Thr Ala
660 665 670

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Gln Asp Pro Ser Met Asn Leu Gln Gly Leu Ala Val Gly Asn Gly Leu

195					200					205					
Ser	Ser	Tyr	Glu	Gln	Asn	Asp	Asn	Ser	Leu	Val	Tyr	Phe	Ala	Tyr	Tyr
210					215					220					
His	Gly	Leu	Leu	Gly	Asn	Arg	Leu	Trp	Ser	Ser	Leu	Gln	Thr	His	Cys
225					230					235					240
Cys	Ser	Gln	Asn	Lys	Cys	Asn	Phe	Tyr	Asp	Asn	Lys	Asp	Leu	Glu	Cys
				245					250					255	
Val	Thr	Asn	Leu	Gln	Glu	Val	Ala	Arg	Ile	Val	Gly	Asn	Ser	Gly	Leu
			260					265					270		
Asn	Ile	Tyr	Asn	Leu	Tyr	Ala	Pro	Cys	Ala	Gly	Gly	Val	Pro	Ser	His
		275					280					285			
Phe	Arg	Tyr	Glu	Lys	Asp	Thr	Val	Val	Val	Gln	Asp	Leu	Gly	Asn	Ile
	290					295					300				
Phe	Thr	Arg	Leu	Pro	Leu	Lys	Arg	Met	Trp	His	Gln	Ala	Leu	Leu	Arg
305					310					315					320
Ser	Gly	Asp	Lys	Val	Arg	Met	Asp	Pro	Pro	Cys	Thr	Asn	Thr	Thr	Ala
				325					330					335	
Ala	Ser	Thr	Tyr	Leu	Asn	Asn	Pro	Tyr	Val	Arg	Lys	Ala	Leu	Asn	Ile
			340					345					350		
Pro	Glu	Gln	Leu	Pro	Gln	Trp	Asp	Met	Cys	Asn	Phe	Leu	Val	Asn	Leu
		355					360					365			
Gln	Tyr	Arg	Arg	Leu	Tyr	Arg	Ser	Met	Asn	Ser	Gln	Tyr	Leu	Lys	Leu
	370					375					380				
Leu	Ser	Ser	Gln	Lys	Tyr	Gln	Ile	Leu	Leu	Tyr	Asn	Gly	Asp	Val	Asp
385					390					395					400
Met	Ala	Cys	Asn	Phe	Met	Gly	Asp	Glu	Trp	Phe	Val	Asp	Ser	Leu	Asn
				405					410					415	
Gln	Lys	Met	Glu	Val	Gln	Arg	Arg	Pro	Trp	Leu	Val	Lys	Tyr	Gly	Asp
			420					425					430		
Ser	Gly	Glu	Gln	Ile	Ala	Gly	Phe	Val	Lys	Glu	Phe	Ser	His	Ile	Ala
		435				440					445				
Phe	Leu	Thr	Ile	Lys	Gly	Ala	Gly	His	Met	Val	Pro	Thr	Asp	Lys	Pro
450					455					460					
Leu	Ala	Ala	Phe	Thr	Met	Phe	Ser	Arg	Phe	Leu	Asn	Lys	Gln	Pro	Tyr
465					470					475					480

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<210> 337
 <211> 543
 <212> PRT
 <213> Homo sapiens

<400> 337

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Met Ala Ala Ala Lys Ala Glu Met Gln Leu Met Ser Pro Leu Gln Ile
      5                      10                      15

Ser Asp Pro Phe Gly Ser Phe Pro His Ser Pro Thr Met Asp Asn Tyr
      20                      25                      30

Pro Lys Leu Glu Glu Met Met Leu Leu Ser Asn Gly Ala Pro Gln Phe
      35                      40                      45

Leu Gly Ala Ala Gly Ala Pro Glu Gly Ser Gly Ser Asn Ser Ser Ser
      50                      55                      60

Ser Ser Ser Gly Gly Gly Gly Gly Gly Gly Gly Ser Asn Ser Ser
      65                      70                      75                      80

Ser Ser Ser Ser Thr Phe Asn Pro Gln Ala Asp Thr Gly Glu Gln Pro
      85                      90                      95

Tyr Glu His Leu Thr Ala Glu Ser Phe Pro Asp Ile Ser Leu Asn Asn
      100                     105                     110

Glu Lys Val Leu Val Glu Thr Ser Tyr Pro Ser Gln Thr Thr Arg Leu
      115                     120                     125

Pro Pro Ile Thr Tyr Thr Gly Arg Phe Ser Leu Glu Pro Ala Pro Asn
      130                     135                     140

Ser Gly Asn Thr Leu Trp Pro Glu Pro Leu Phe Ser Leu Val Ser Gly
      145                     150                     155                     160

Leu Val Ser Met Thr Asn Pro Pro Ala Ser Ser Ser Ser Ala Pro Ser
      165                     170                     175

Pro Ala Ala Ser Ser Ala Ser Ala Ser Gln Ser Pro Pro Leu Ser Cys
      180                     185                     190

Ala Val Pro Ser Asn Asp Ser Ser Pro Ile Tyr Ser Ala Ala Pro Thr
      195                     200                     205

Phe Pro Thr Pro Asn Thr Asp Ile Phe Pro Glu Pro Gln Ser Gln Ala
      210                     215                     220

Phe Pro Gly Ser Ala Gly Thr Ala Leu Gln Tyr Pro Pro Pro Ala Tyr
      225                     230                     235                     240

Pro Ala Ala Lys Gly Gly Phe Gln Val Pro Met Ile Pro Asp Tyr Leu
      245                     250                     255
  
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Phe Pro Gln Gln Gln Gly Asp Leu Gly Leu Gly Thr Pro Asp Gln Lys
260 265 270

Pro Phe Gln Gly Leu Glu Ser Arg Thr Gln Gln Pro Ser Leu Thr Pro
275 280 285

Leu Ser Thr Ile Lys Ala Phe Ala Thr Gln Ser Gly Ser Gln Asp Leu
290 295 300

Lys Ala Leu Asn Thr Ser Tyr Gln Ser Gln Leu Ile Lys Pro Ser Arg
305 310 315 320

Met Arg Lys Tyr Pro Asn Arg Pro Ser Lys Thr Pro Pro His Glu Arg
325 330 335

Pro Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg Arg Phe Ser Arg Ser
340 345 350

Asp Glu Leu Thr Arg His Ile Arg Ile His Thr Gly Gln Lys Pro Phe
355 360 365

Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp His Leu Thr
370 375 380

Thr His Ile Arg Thr His Thr Gly Glu Lys Pro Phe Ala Cys Asp Ile
385 390 395 400

Cys Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg Lys Arg His Thr Lys
405 410 415

Ile His Leu Arg Gln Lys Asp Lys Lys Ala Asp Lys Ser Val Val Ala
420 425 430

Ser Ser Ala Thr Ser Ser Leu Ser Ser Tyr Pro Ser Pro Val Ala Thr
435 440 445

Ser Tyr Pro Ser Pro Val Thr Thr Ser Tyr Pro Ser Pro Ala Thr Thr
450 455 460

Ser Tyr Pro Ser Pro Val Pro Thr Ser Phe Ser Ser Pro Gly Ser Ser
465 470 475 480

Thr Tyr Pro Ser Pro Val His Ser Gly Phe Pro Ser Pro Ser Val Ala
485 490 495

Thr Thr Tyr Ser Ser Val Pro Pro Ala Phe Pro Ala Gln Val Ser Ser
500 505 510

Phe Pro Ser Ser Ala Val Thr Asn Ser Phe Ser Ala Ser Thr Gly Leu
515 520 525

Ser Asp Met Thr Ala Thr Phe Ser Pro Arg Thr Ile Glu Ile Cys
530 535 540

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<210> 338
 <211> 148
 <212> PRT
 <213> Homo sapiens

<400> 338
 Pro Pro Ala Thr Ser Tyr Ala Pro Ser Asp Val Pro Ser Gly Val Ala
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 Leu Phe Leu Thr Ile Pro Phe Ala Phe Phe Leu Pro Glu Leu Ile Phe
 20 25 30
 Gly Phe Leu Val Trp Thr Met Val Ala Ala Thr His Ile Val Tyr Pro
 35 40 45
 Leu Leu Gln Gly Trp Val Met Tyr Val Ser Leu Thr Ser Phe Leu Ile
 50 55 60
 Ser Leu Met Phe Leu Leu Ser Tyr Leu Phe Gly Phe Tyr Lys Arg Phe
 65 70 75 80
 Glu Ser Trp Arg Val Leu Asp Ser Leu Tyr His Gly Thr Thr Gly Ile
 85 90 95
 Leu Tyr Met Ser Ala Ala Val Leu Gln Val His Ala Thr Ile Val Ser
 100 105 110
 Glu Lys Leu Leu Asp Pro Arg Ile Tyr Tyr Ile Asn Ser Ala Ala Ser
 115 120 125
 Phe Phe Ala Phe Ile Ala Thr Leu Leu Tyr Ile Leu His Ala Phe Ser
 130 135 140
 Ile Tyr Tyr His
 145

<210> 339
 <211> 196
 <212> PRT
 <213> Homo sapiens

<400> 339
 Met Pro Gly Met Phe Phe Ser Ala Asn Pro Lys Glu Leu Lys Gly Thr
 5 10 15
 Thr His Ser Leu Leu Asp Asp Lys Met Gln Lys Arg Arg Pro Lys Thr
 20 25 30
 Phe Gly Met Asp Met Lys Ala Tyr Leu Arg Ser Met Ile Pro His Leu
 35 40 45
 Glu Ser Gly Met Lys Ser Ser Lys Ser Lys Asp Val Leu Ser Ala Ala

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50 55 60

Glu Val Met Gln Trp Ser Gln Ser Leu Glu Lys Leu Leu Ala Asn Gln
65 70 75 80

Thr Gly Gln Asn Val Phe Gly Ser Phe Leu Lys Ser Glu Phe Ser Glu
85 90 95

Glu Asn Ile Glu Phe Trp Leu Ala Cys Glu Asp Tyr Lys Lys Thr Glu
100 105 110

Ser Asp Leu Leu Pro Cys Lys Ala Glu Glu Ile Tyr Lys Ala Phe Val
115 120 125

His Ser Asp Ala Ala Lys Gln Ile Asn Ile Asp Phe Arg Thr Arg Glu
130 135 140

Ser Thr Ala Lys Lys Ile Lys Ala Pro Thr Pro Thr Cys Phe Asp Glu
145 150 155 160

Ala Gln Lys Val Ile Tyr Thr Leu Met Glu Lys Asp Ser Tyr Pro Arg
165 170 175

Phe Leu Lys Ser Asp Ile Tyr Leu Asn Leu Leu Asn Asp Leu Gln Ala
180 185 190

Asn Ser Leu Lys
195

<210> 340
<211> 316
<212> PRT
<213> Homo sapiens

<400> 340

Met Ala Thr Phe Val Glu Leu Ser Thr Lys Ala Lys Met Pro Ile Val
5 10 15

Gly Leu Gly Thr Trp Lys Ser Pro Leu Gly Lys Val Lys Glu Ala Val
20 25 30

Lys Val Ala Ile Asp Ala Gly Tyr Arg His Ile Asp Cys Ala Tyr Val
35 40 45

Tyr Gln Asn Glu His Glu Val Gly Glu Ala Ile Gln Glu Lys Ile Gln
50 55 60

Glu Lys Ala Val Lys Arg Glu Asp Leu Phe Ile Val Ser Lys Leu Trp
65 70 75 80

Pro Thr Phe Phe Glu Arg Pro Leu Val Arg Lys Ala Phe Glu Lys Thr
85 90 95

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Leu Lys Asp Leu Lys Leu Ser Tyr Leu Asp Val Tyr Leu Ile His Trp
 100 105 110
 Pro Gln Gly Phe Lys Ser Gly Asp Asp Leu Phe Pro Lys Asp Asp Lys
 115 120 125
 Gly Asn Ala Ile Gly Gly Lys Ala Thr Phe Leu Asp Ala Trp Glu Ala
 130 135 140
 Met Glu Glu Leu Val Asp Glu Gly Leu Val Lys Ala Leu Gly Val Ser
 145 150 155 160
 Asn Phe Ser His Phe Gln Ile Glu Lys Leu Leu Asn Lys Pro Gly Leu
 165 170 175
 Lys Tyr Lys Pro Val Thr Asn Gln Val Glu Cys His Pro Tyr Leu Thr
 180 185 190
 Gln Glu Lys Leu Ile Gln Tyr Cys His Ser Lys Gly Ile Thr Val Thr
 195 200 205
 Ala Tyr Ser Pro Leu Gly Ser Pro Asp Arg Pro Trp Ala Lys Pro Glu
 210 215 220
 Asp Pro Ser Leu Leu Glu Asp Pro Lys Ile Lys Glu Ile Ala Ala Lys
 225 230 235 240
 His Lys Lys Thr Ala Ala Gln Val Leu Ile Arg Phe His Ile Gln Arg
 245 250 255
 Asn Val Ile Val Ile Pro Lys Ser Val Thr Pro Ala Arg Ile Val Glu
 260 265 270
 Asn Ile Gln Val Phe Asp Phe Lys Leu Ser Asp Glu Glu Met Ala Thr
 275 280 285
 Ile Leu Ser Phe Asn Arg Asn Trp Arg Ala Cys Asn Val Leu Gln Ser
 290 295 300
 Ser His Leu Glu Asp Tyr Pro Phe Asn Ala Glu Tyr
 305 310 315

<210> 341
 <211> 422
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 341

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caaataagag aacttagaga gaagtcggaa aagtttgctt tccaagcccg aagttaacag 120
aatgatgaaa cttatcatca attcattgta taaaaataaa gagattttcc tgagagaact 180
gatttcaaat gcttctgatg ctttagataa gataaggcta atatcactga ctgatgaaaa 240
tgctctttct ggaaatgagg aactaacagt caaaattaag tgtgataagg agaagacctg 300
ctgcatgtca cagacaccgg tgtagggaatg accagagaag agttgggttaa aaaccttggt 360
accatagcca aatctgggac aagcgagttt ttaaacaaaa tgactgaagc acaggaagat 420
gg 472

<210> 342
<211> 472
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 342
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tcgggacact cttccttttg gatgtactgc atgggtgttct tggcgctgna tgtgcaggca 120
cgactctgtt ggaagtgggc acggctgctg cgaccacacag tccagttctt cctgggtggcc 180
tttgccctct acgtgggcta caccgcgctg tctgattaca aacaccactg gagcgatgtc 240
cttggtggcc tcctgcaggg ggcaactggtg gctgccctca ctgtctgcta catctcagac 300
ttcctcaaag ccgcaccccc acagcaactgt ctgaaggagg aggagctgga acggaagccc 360
agcctgtcac tgacgttgac cctgggcgag gctgaccaca accactatgg ataccgcac 420
tcctcctcct gaggccggac ccgcgccagg caggagagcta ctgtgagtc ag 472

<210> 343
<211> 139
<212> DNA
<213> Homo sapien

<400> 343
gtcctggggc ttccccttcc ctcaagccag ggctcctcct cctgtcgtgg gctcattgtg 60
accactggcc tctctacagc acggcctgtg gcctgttcaa ggcagaacca cgacccttga 120
ctcccgggtg gggaggtgg 139

<210> 344
<211> 235
<212> DNA
<213> Homo sapien

<400> 344
ctgcgggctc agcacagtag acatgactgg gatccccacc ttggacaacc tccagaaggg 60
agtccaattt gctctcaagt accagtcgct gggccagtgt gtttacgtgc attgtaaggc 120
tgggcgctcc aggagtggca ctatggtggc agcatacctg attcaggtgc acaaatggag 180
tccagaggag gctgtaagag ccatcgccaa gatccggtca tacatccaca tcagg 235

<210> 345
<211> 458
<212> DNA
<213> Homo sapien

090496050301
"92964860"

<400> 345

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cataggacac	cagttttgac	ttaacctaac	aggcagtttt	tatctctagc	tttttcaagc	180
caggtattga	gcagtttctt	ggccaatggc	ctgagaaacc	acctgtccct	gtcaaggggt	240
gattttattg	gttttaagt	gggaagtaat	cccatgtact	tattttotaa	atacctagga	300
agttcttctt	ggtggctcct	cttggccctc	ccctctttct	ccccaaccc	accatcctgc	360
aaggcaagga	atggcctctc	cctccacaga	ggcaacggct	gcagagggag	cactgtggct	420
gccatcccag	ttctcttca	aagccaaaca	gacacgcg			458

<210> 346

<211> 525

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

<400> 346

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gggcctcagt	gactatttct	tgtaaagctt	ctggatatat	ncttactaaa	tatactttac	180
attgggtgcg	ccaggccccc	cccggacaaa	gacctgaatg	ggtgggatgg	atcaacactg	240
gcattgatac	cgtaaataat	tcacagaagt	ttcaggacag	agtctccatt	acctgggact	300
catccgcgac	cacagnctac	ctgnanntga	gtagcctgga	atccgaagac	acggctgtgt	360
attactgtgc	gagacttang	gcccgttgcg	tgtggtggga	cttaatgacg	cttttgacat	420
ctggggccaa	gggacagtgg	tcaccgtctc	ttcanggagt	gcattcgccc	caaccctttt	480
ccccctctct	cctgtgaaga	attccccgnc	ggatacgagc	agcgt		525

<210> 347

<211> 423

<212> DNA

<213> Homo sapien

<400> 347

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cagtcttgct	cttcacctct	aagccaatgt	tgacccttct	atctataaag	tccacaactc	120
tccggaagtc	atcctcacgg	aactgtcgag	aagttaaggc	tggggcccca	agccgcaggc	180
cgcccgggtg	gatggcactt	cggtctccag	gacaggtggt	cttggttgga	gtgatggata	240
caagctctag	cacccgctca	gcccagctc	catccaggcc	cttgggccgc	aggtccacca	300
gcaccaggtg	gttgtcagta	ccacctgata	ccagttagta	gcctcgctct	agcagggcat	360
ctgccatggc	ccgagcattc	ttcagaacct	gcaggagta	ctcccgaac	atgggggtgc	420
agg						423

<210> 348

<211> 513

<212> DNA

<213> Homo sapien

<400> 348

cctctaggcc	tgatgtctct	agaggcaata	gaagaaaagt	aaaaggaagg	tctcacttca	60
cagacaatga	aaccctccta	accctcttcc	ccactacca	caactcccta	cactgccaat	120

TDESD " 92964850

```

ctaaataaaaa agaggacaat gcatgagtgt gagatacaca tacacacaca cacatacaca 180
cacacacacg cacagcttcc ttccagccaa agaactgcaa aatccttccc cggaaggagg 240
acaactggca acaccaatca aggcttggtg gtctaagggtg atggctggaa tcatgtgaga 300
ctggtaaaaa tccagggaga aaatgtttca ccttcagctc attcccaagt ctctatgaag 360
cccgccccac ttccacatag gggaactgtg gctctggggg cagcctctgc agctactcag 420
aatagggtggg aggaggggct ggctttgagg ctgccttagc catgaggctc tttgcctagg 480
aatagctgga gatgggagct gcagggggct cag 513

```

```

<210> 349
<211> 231
<212> DNA
<213> Homo sapien

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<400> 349
ccttatttct cttgtccttt cgtacagggg ggaatttgaa gtagatagaa accgacctgg 60
attactccgg tctgaactca gatcacgtag gactttaatc gttgaacaaa cgaaccttta 120
atagcggctg caccatcggg atgtcctgat ccaacatcga ggtcgtaaac cctattgttg 180
atatggactc tagagtagga ttgcgctggt atccctaggg taacttggtc c 231

```

```

<210> 350
<211> 341
<212> DNA
<213> Homo sapien

```

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<400> 350
ctgcccagg gcgttcgtaa cgggaatgcc gaagcgtggg aaaaagggag cgggtggcggg 60
agacggggat gagctcagga cagagccaga ggccaagaag agtaagacgg ccgcaaagaa 120
aaatgacaaa gaggcagcag gagagggccc agccctgtat gaggaccccc cagatcagaa 180
aacctcacc agtgggcaaac ctgccacacc caagatctgc tcttggaatg tggatgggct 240
tcgagcctgg attaagaaga aaggattaga ttgggtaaag gaagaagccc cagatatact 300
gtgccttcaa gagaccaa atgttcagagaa caaactacca g 341

```

```

<210> 351
<211> 256
<212> DNA
<213> Homo sapien

```

```

<400> 351
ggcgttgggg acggttgtag gacgtggctc tttattcgtg agttttccat ttacctccgc 60
tgaacctaga gcttcagacg ccctatggcg tccgcctcga cccaaccggc ggccctgagc 120
gctgagcaag caaagggtgt cctcgcggag gtgatccagg cgttctccgc cccggagaat 180
gcagtgcgca tggacgaggc tcgggataac gcctgcaacg acatgggtaa gatgctgcaa 240
ttcgtgctgc ccgtgg 256

```

```

<210> 352
<211> 368
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

```

09845626-050301

<400> 352

cctttcttgt	aagtgaagaa	naaggaatgc	agcaaagaag	agttcgacat	tggagtcott	60
agttccatca	ggatccatt	cgcagccttt	agcatcatgt	agaagcaaac	tgcacctatg	120
gctgagatag	gtgcaatgac	ctacaagatt	ttgtgttttc	tagctgtcca	ggaaaagcca	180
tcttcagtct	tgtgacagt	caaagagcaa	gtgaaacccat	ttccagccta	aactacataa	240
aagcagccga	accaatgatt	aaagacctct	aaggctccat	aatcatcatt	aaatatgccc	300
aaactcattg	tgacttttta	ttttatatac	aggattaaaa	tcaacattaa	atcatcttat	360
ttacatgg						368

<210> 353

<211> 368

<212> DNA

<213> Homo sapien

<400> 353

ctgaggggtg	gcagtaagca	atgaggatgg	gctataaagc	tgttaactgg	ctaagggcca	60
tccttgggca	ggcatttcag	acacatctgt	agagagggca	gtagcatctc	cgataggcca	120
gctctgaagg	aagcttaatg	cttaatacag	tcacactgca	taaattagct	tagaatgctc	180
tcttgggtaa	aaaatattaa	tagtgatat	gcacttgaag	agcaaaattc	ctcaagaaaa	240
aaagtttaat	agcaaggagt	ttccatcagt	cccggctctt	gtgaggatta	ccacaacaaa	300
cacttaaaag	gatacaacag	gtacttatta	aatgctgcct	tgccttttac	ctcttccttt	360
tttttttt						368

<210> 354

<211> 380

<212> DNA

<213> Homo sapien

<400> 354

ccatggcttc	tcaccagac	agtctttctg	ggcaacttgg	ggaagcccct	gttctgctca	60
agtctcacc	catggaagag	gtgggggaag	ggggccttgg	tttttcagga	agacagggtg	120
gagagcacga	gtcactacaa	agcagtaaaa	gtgaatggtg	tctccagggg	ctgggtccag	180
aacaccacgg	agagccccag	ccataaagg	gtgttcggcc	tctggcctgc	aggaatctct	240
ttgaatctct	ttgattgggtg	gctccaagag	caatgggaag	tcaacagcca	ggaggctgga	300
ctgggttccc	tgggaccccg	aggtcccaga	gctgctgggc	agtggttgtc	ggcaaagaag	360
aaaggtccaa	gagggtcagg					380

<210> 355

<211> 347

<212> DNA

<213> Homo sapien

<400> 355

ccagtggagg	ggtgggggta	tcgatcccgc	cgggggctgg	cttggttgct	ggtgccctga	60
gcccttctct	gcccgcctgg	gtgttgcttt	cactgatgga	ggtaggcgctc	cagccagatg	120
tcaccagact	tcttcgggga	cctgacgatg	tccaccagcg	cggtgaggaa	gggttccact	180
tcgtagctga	ggcgtgctt	ggcacacagc	gacttgacca	gcggggccac	ccggtgttag	240
ttgtgtctcg	gcatcctggg	gaagaggtgg	tgctcgatct	ggaagttgag	gtgcccgcgtg	300
aaccagttgg	tgaaaagtga	gggctccacg	ttgcaggtgg	ctgccag		347

<210> 356

<211> 157

<212> DNA

<213> Homo sapien

T03050"92954860

<400> 356

cctggagctg	ctgaagactg	ctattgggaa	agctggctac	actgataagg	tggtcatcgg	60
catggacgta	gcggcctccg	agttcttcag	gtctgggaag	tatgacctgg	acttcaagtc	120
tcccgatgac	cccagcaggt	acatctcgcc	tgaccag			157

<210> 357

<211> 323

<212> DNA

<213> Homo sapien

<400> 357

ccatacaggg	ctgttgccca	ggccctagag	gtcactcctc	gtaccctgat	ccagaactgt	60
ggggccagca	ccatccgtct	acttacctcc	cttcggggcca	agcacaccca	ggagaactgt	120
gagacctggg	gtgtaaatgg	tgagacgggt	acttttggtg	acatgaagga	actgggcata	180
tgggagccat	tggctgtgaa	gctgcagact	tataagacag	cagtggagac	ggcagttctg	240
ctactgcgaa	ttgatgacat	cgtttcaggc	cacaaaaaga	aaggcgatga	ccagagccgg	300
caaggcgggg	ctcctgatgc	tgg				323

<210> 358

<211> 555

<212> DNA

<213> Homo sapien

<400> 358

aaaaggtttc	taaaacatga	cggaggttga	gatgaagctt	cttcatggag	taaaaaatgt	60
atttaaaaaga	aaattgagag	aaaggactac	agagccccga	gttaatacca	atagaagggc	120
aatgctttta	gattaaaatg	aagggtgactt	aaacagctta	aagtttagtt	taaaagtgtg	180
aggtgattaa	aataatttga	aggcgatctt	ttaaaaagag	attaaaccga	aggtgattaa	240
aagaccttga	aatccatgac	gcagggagaa	ttgcgtcatt	taaagcctag	ttaacgcatt	300
tactaaacgc	agacgaaaat	ggaaagatta	attgggagtg	gtaggatgaa	acaatttgga	360
gaagatagaa	gtttgaagtg	gaaaactgga	agacagaagt	acgggaaggc	gaagaaaaga	420
atagagaaga	tagggaaatt	agaagataaa	aacatacttt	tagaagaaaa	aagataaatt	480
taaacctgaa	aagtaggaag	cagaagaaaa	aagacaagct	aggaaacaaa	aagctaaggg	540
caaaatgtac	accac					555

<210> 359

<211> 549

<212> DNA

<213> Homo sapien

<400> 359

ctgccaggct	gaaaagaagc	ctcagctccc	acaccgccct	cctcaccgcc	cttcctcggc	60
agtcacttcc	actggtggac	cacggggccc	cagccctgtg	tcggccttgt	ctgtctcagc	120
tcaaccacag	tctgacacca	gagcccactt	ccatcctctc	tggtgtgagg	cacagcgagg	180
gcagcatctg	gaggagctct	gcagcctcca	cacctaccac	gacctcccag	ggctgggctc	240
aggaaaaacc	agccactgct	ttacaggaca	gggggttgaa	gctgagcccc	gcctcacacc	300
cacccccatg	cactcaaaga	ttggatttta	cagctacttg	caattcaaaa	ttcagaagaa	360
taaaaaatgg	gaacatacag	aactctaata	gatagacatc	agaaattggt	aagttaaagct	420
ttttcaaaaa	atcagcaatt	cccagcgta	gtcaagggtg	gacactgcac	gctctggcat	480
gatgggatgg	cgaccgggca	agctttcttc	ctcgagatgc	tcttgctgct	tgagagctat	540
tgctttggt						549

<210> 360

T050301-050301

<211> 289
 <212> DNA
 <213> Homo sapien

<400> 360
 ttttaaatttt actagtgtta cttaatgtat attctaaaaa gagaatgcag taactaatgc 60
 cctaaatggt tgatctctgt ttgtcattac tttttcaaaa ttatTTTTTT ctgtaaagta 120
 taatatataa aacttcttgc ttaaattgaa tttctatatt agtgggttaat tgcagtttat 180
 taaagggatc attatcagta atttcatagc aactgttcta gtgttttgtg tttttaaaac 240
 agaattagga atttgagata tctgattata tttttcatat gaatcacag 289

<210> 361
 <211> 311
 <212> DNA
 <213> Homo sapien

<400> 361
 ctgttcagta tggcaaaggg cagacttact ccttcatcca ctctgctgcc ttgatgaggt 60
 gaacacactg gaataagatg gagggcagga tacctgccaa agcctgagga atgagatgat 120
 ctgaaacaat tgggcaaagg ctggacattt caaaaagctg acttccaact gcagtttatg 180
 ggtatagaat ttgatgcttc cctcaagtcc tgactgctct ttctgaggca gccaggctag 240
 gccaaagaaat gagctgctcc agcttctcca gagcacagca gcctcccagg gcctgtcagc 300
 atctgcagca g 311

<210> 362
 <211> 496
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 362
 ccagtttcta aaanaatgca catttaaaga gaagcatcta ccacggcttt aaaacaaaac 60
 aactctgaga tgaacaatat gtgttatact cagagattaa caatctcaat catacatact 120
 gattctttca gacatttaaat aaccactaca tttttttgca ttaatgaagt ttgactatat 180
 gtgtaaaggg actaaatatt ttgcaacag cctgttcttt gttcattctt ttctggatag 240
 cgtgtcctct gtattgCGGT agatttatac attctgttgc ctaaaatatgt gtgtaaaatg 300
 agctgataaa ctggagtact acttaaaaaa aagtctgtga tttataagat gcatatgctt 360
 tctatgtgaa tataagcttg tgcacaatgt ttaaaagaaa aacaatgaat tagaagagat 420
 cccccgtccc ccagtctgac atatttcata cagaatgttt aaaagaaaaa ctctgctagt 480
 cttggcaaac atttgg 496

<210> 363
 <211> 673
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

05949625-050301

<400> 363

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ccaagagga gataanacaa acttctcaaa caaaaagaaa agaaaaacga atgattcatc      60
tgctttaatc agtgtgatta atgcagcacc cattgccccg ggaaccgttt ctgctgtact      120
atctggatac taaaatgtta cggaagtagc tctttgttct ccctcaactct gcccttagtt      180
aatagaaaatt cagactcgcc aagtaaggct ttgtgcatag tgtcttcatg tcgcgtatag      240
ttgagcgcgt tcttagcagt tggcttcatg gacagctcat tagtgttttg acttttctta      300
cccagcgtta attgaattct tgcttttaga caacttcctt tttgtagtgg tgaaccttgc      360
ccttttagtac agttcaagtg aatctggata attgttcatc tttgcttttag cttagatacc      420
atgtagtggt ctgtggctac aggaagctgg ttctgtctgc ttccacagtc tgcttaaaaa      480
actgtctgac ttcgtgaata tagagaccaa gtttaccact tctgatgaag agaccaatta      540
agattcattc ctcatctctgt ttctttccag tgggagaaga gtcccatga aataagatga      600
aactgattcc atgcactagt acatgtaggc ttctcccttg cgcaaagctt aacaatttgt      660
aggaaaacttt ggg                                     673

```

<210> 364

<211> 495

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(495)

<223> n = A,T,C or G

<400> 364

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ccaaatgttt gcncaagact agcagagttt ttcttttaaa cattctgtat gaaatatgtc      60
agactggggg acgggggatc tcttctaatt cattgttttt cttttaaaca ttgtgcacaa      120
gcttatattc acatagaaaag catatacatc ttataaatca cagacttttt ttttaagtagt      180
actccagttt atcagctcat tttaacacaca tatttaggca acagaatgta taaatctacc      240
gcaatacaga ggacacacta tccagaaaag aatgaacaaa gaacaggctg ttgcaaaaat      300
atttagtccc tttaacacata tagtcaaact tcattaatgc aaaaaatgta gtggttatta      360
aatgtctgaa agaatcagta tgtatgattg agattgttaa tctctgagta taacacatat      420
tgttcatctc agagttgttt tgttttaaaag ccgtggtaga tgcttctctt taaatgtgca      480
ttttttagaa actgg                                     495

```

<210> 365

<211> 291

<212> DNA

<213> Homo sapien

<400> 365

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aactgacaag cccttgcgcc tgctctcca ggatgtctac aaaattggtg gtattggtac      60
tgttctgtt ggcccgagtg gagactggtg ttctcaaacc cggatggtg gtcaccttg      120
ctccagtcaa cgttacaacg gaagtaaaat ctgtcgaaat gcaccatgaa gctttgagt      180
aagctcttcc tggggacaat gtgggcttca atgtcaagaa tgtgtctgtc aaggatgttc      240
gtcgtggcaa cgttgctggt gacagcaaaa atgaccacc aatggaagca g                                     291

```

<210> 366

<211> 277

<212> DNA

<213> Homo sapien

<400> 366

T0E050-92967850

ctggatggtg	cctcagaagg	tgatttctgc	ttctgcaggg	gcttgaaaca	ccaaggcact	60
ccagggatcc	tggagtcaaa	gcagcagccc	cggttggtgc	actccttggg	ggtgacatgg	120
gggtagcccg	cagtccaccc	tgtccttgcc	tggcacggca	caactggttg	cagacaggcc	180
cacgtactcc	tcagcagagc	tggaggacaa	gcaaggccag	gaccagcccc	agcatgcaga	240
gcgctctggc	agccatgacc	accgtgggct	ccggggac			277

<210> 367

<211> 311

<212> DNA

<213> Homo sapien

<400> 367

ccagagctgc	ggggcctcag	tacacggagc	tggtccggat	gccacagcac	agcaccatgc	60
tcaggatcat	ctcgaagatc	atgatcacag	cgaccacgat	ggcagcaatg	ccgatgaggt	120
acagcttccc	ggagaagagg	tcatcgatct	tctggtggca	gtcctccttg	aagagggttg	180
tgatgatgtt	gctgcccag	ggacacaaat	tggtcttgag	caactgaggtg	gtcaaagcag	240
tcagtgtgct	ggagccacag	cagtcaagcg	tctcgtggaa	ggtcttcacc	acagccttgg	300
cggtgttggc	g					311

<210> 368

<211> 384

<212> DNA

<213> Homo sapien

<400> 368

ccaaaggggt	ctctagctgc	tgctctgctg	ctcctgctca	tggatgagtt	tggcgatggg	60
gccggtgatg	ccgcctatca	aggtccagta	ctcatcgaag	ctgatgcgcc	catcaggatt	120
ggcatccagg	ttctggatga	gcttatccgc	agccttccgg	ttccctgtgt	ccgacagcat	180
gtggttcagc	tctttctgga	gcattctcgc	gaagctgctc	ttgctgatct	tggtcttgac	240
caggctgtac	ctagacacat	atttgtagaa	gttttccacc	aggacaatga	ctgccttctc	300
cagctccgtg	tagcaagtct	gacatctccc	tgcttcgcct	gctggcgggg	cctaaggcgg	360
gggccaaagc	cagttacagc	ccag				384

<210> 369

<211> 216

<212> DNA

<213> Homo sapien

<400> 369

ccaagtgcc	ggtggctttc	agcagcttcc	tacgatcagc	cgaagaaagc	agaagctctg	60
gaggctgcc	tcgagaacct	caatgaagcc	aagaactatt	ttgcaaagg	tgactgcaaa	120
gagcgcatca	gggacgtcgt	ttacttccag	gccagactct	accataccct	ggggaagacc	180
caggagagga	accggtgtgc	gatgctcttc	cggcag			216

<210> 370

<211> 561

<212> DNA

<213> Homo sapien

<400> 370

ctggctcctt	cttttgtggt	cgtttggggg	atgggctggt	ttggggttta	ggtgcagaga	60
atggtttggg	gccactgcgt	actggaccac	tctgagcctt	cagggcaggg	ttcttgtgag	120
tcttcatgtc	atcagataca	tgtttcaggg	catgtgtaat	gctctcccc	tgattaatct	180
gcgcgaacag	tgctgagcgg	gaagcagact	catctgagcc	tgaactggta	gagactgggg	240

gaggaggggg	gcctggtgga	gggggaggag	gacctgatcc	ggcagagggt	ccagatggca	300
gtccgctcag	ttcttttgcc	acaggccccg	ttttgctcca	ggccagtccg	gtggtatgga	360
actccttaat	gtaagcctgc	agctctgtcc	atatacttaa	ataagctttg	acccagtcta	420
catgcttctt	atccacatct	ttgtactctt	tgaggactcg	gtttgtataa	aacatggcgg	480
catcattcat	ttctttcgca	taaggggccag	gcttgggagc	catagccacc	cagcccaggg	540
cctggatact	ttcgtctgaca	g				561

<210> 371

<211> 518

<212> DNA

<213> Homo sapien

<400> 371

cccacttcca	tcgctctctg	gtgtgaggca	cagcgagggc	agcatctgga	ggagctctgc	60
agcctccaca	cctaccacga	cctcccaggg	ctgggctcag	gaaaaaccag	ccactgcttt	120
acaggacagg	gggttgaagc	tgagccccgc	ctcacaccca	cccccatgca	ctcaaagatt	180
ggattttaca	gctacttgca	attcaaaatt	cagaagaata	aaaaatggga	acatacagaa	240
ctctaaaaga	tagacatcag	aaattgttaa	gttaagcttt	ttcaaaaaat	cagcaattcc	300
ccagcgtagt	caagggtgga	cactgcacgc	tctggcatga	tgggatggcg	accgggcaag	360
ctttcttcct	cgagatgctc	tgctgcttga	gagctattgc	tttgtttaaga	tataaaaagg	420
ggtttctttt	tgtctttctg	taagggtggac	ttccagcttt	tgattgaaag	tcctaggggtg	480
attctatttc	tgctgtgatt	tatctgctga	aagctcag			518

<210> 372

<211> 335

<212> DNA

<213> Homo sapien

<400> 372

ctggaggctg	ggtgcaccct	gcccagatcc	acacctgtac	cccggcggaa	aggctcatgg	60
gcattgaaga	cggtgggtgaa	aaagccaaaag	ggaaaagcac	caacacccaaa	tgagaagtgg	120
aagcccccg	tatcaccaaaa	tggttggaat	ccccctctgc	tctccggagc	tggtctctgg	180
ccctgggggc	ggggtggagt	ttttaatctg	ggatcctggg	gcttctggct	ccctcgccca	240
taaaagcgga	caaccttctc	tctgctgata	ccagctttac	atactggaca	ctcttgccgt	300
tctggccgtg	tctccagcca	ctgatgaaga	catgg			335

<210> 373

<211> 467

<212> DNA

<213> Homo sapien

<400> 373

ccactagctg	aatcttgaca	tggaaggttt	tagctaattgc	caagtggaga	tgcagaaaat	60
gctaagttga	cttaggggct	gtgcacagga	actaaaaggc	aggaaagtac	taaatattgc	120
tgagagcatc	cacccagga	aggactttac	cttccaggag	ctccaaactg	gcaccacccc	180
cagtgtcac	atggctgact	ttatcctccg	tgttccattt	ggcacagcaa	gtggcagtgt	240
ctccaccacc	tatgatgggtg	atgcagcccc	tagaagtggc	tttcaccacc	tcatccatga	300
gagcttttgt	tccccgggca	aaagcttccc	attcaaatac	ccccacagga	ccattccaca	360
caatctgctt	agcccagagt	acagcctcag	catacttctt	gctgctttca	ggaccacagt	420
cgaagcccat	ccagccagca	ggtacgccag	aagccacagt	ggcttgg		467

<210> 374

<211> 284

<212> DNA

T0E050-92964860

<213> Homo sapien

<400> 374

tttccgtaaa	agcgtgtaac	aagggtgtaa	atatttataa	ttttttatac	ctgttgtag	60
acccgagggg	cggcggcgcg	gttttttatg	gtgacacaaa	tgtatatattt	gctaacagca	120
attccaggct	cagtattgtg	accgcggagc	cacaggggac	cccacgcaca	ttccgttgcc	180
ttaccgatg	gcttgtagcg	cggagagaac	cgattaaaac	cgtttgagaa	actcctccct	240
tgtctagccc	tgtgttcgct	gtggacgctg	tagaggcagg	ttgg		284

<210> 375

<211> 307

<212> DNA

<213> Homo sapien

<400> 375

cctactcttc	tccgtccatt	gtactatctg	cccgtggtgg	ggatggcagt	aggatcatat	60
ttgatgactt	ccgagaagca	tattattggc	tccgtcataa	tactccagag	gatgcgaagg	120
tcatgtcctg	gtgggattat	ggctatcaga	ttacagctat	ggcaaaccga	acaatttttag	180
tggacaataa	cacatgggaat	aatacccata	tttctcgagt	agggcaggca	atggcgtcca	240
cagaggaaaa	agcctatgag	atcatgaggg	agctcgatgt	cagctatgtg	ctggtcattt	300
ttggagg						307

<210> 376

<211> 650

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 376

ccattgnctn	ctnacgtgat	gtcatcatct	gccaggtcat	cttggcaaaa	gtcggagcat	60
ttctcagtca	ctgcaaagta	gcccttctcg	ttggagcacc	ggaagagacg	tgtgtgtttc	120
atgtactcgg	catcgtcatc	atagggcttc	tgtgccccaa	tgccaccca	gaagaagttc	180
tcaggctcct	caccttcgtt	gataacctgc	ttgctgtagg	aggtgtcaaa	catggtgttc	240
aggatgtctt	ctgccaaactt	ggcttcgtca	gggtctgatg	cccggcccac	ccaggcatac	300
acgatgccct	ggttgtcctc	actctcaaag	ggaaccttga	ggatgaagca	gaactcggag	360
ttgaggaggc	tggagtcggg	gttgatctgg	atgcaccggg	tgcagagggc	gctgccgttg	420
gtgcggatct	ggtagaggct	gggctgttgg	gcgccctgga	ccgccttcct	cttgccccgg	480
tggatgatga	acttcctctt	gaaatgggac	aggaacttgg	ggttctcctg	ctgctgcgtc	540
atgcgtacca	cctccagctt	cccaggggaag	aggctctcga	acttcctttg	caggctgaag	600
gtgaagggtga	cccacccata	ttgggaggct	ttcacggccc	tgccagaagt		650

<210> 377

<211> 306

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

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<400> 377

tctagatgca	tgctcgagcg	gccgccagtg	tgatgganat	ctgcagaatt	cgcccttcga	60
gcggccgccc	gggcagggtc	gggtgctgcc	ttcacctgcc	aggcccttcc	ccgctagctt	120
ggggcgagca	gagctgcgtc	cagtggaaact	aaagccgttc	caggattatc	aaaaactgag	180
cagcaacctt	gggggacctg	gatcatcacg	gactccccca	actggaaggt	ccttctctgg	240
cctcaattcc	cgtctcaagg	ccacgccttc	cacctacagt	ggagtcttcc	gcacccagcg	300
cgtcga						306

<210> 378

<211> 199

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 378

ccacangtgg	cacttgggtg	tggtctctct	gttatattgtc	ctcatgtgag	aaagcagatc	60
atctccaaat	cttgccattt	gtatactttt	ggtggagact	tgatgtcat	atcttctttg	120
ttttgggttt	tcttccctag	cttatattgt	ggcttttaaa	gaagtggatt	gtattgtgag	180
atcctgtgat	tcctgtgtg					199

<210> 379

<211> 216

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(216)

<223> n = A,T,C or G

<400> 379

ccagggcang	tcatcaagag	gggcattgtc	ttgcatgcgg	cctgccgtgt	ccaccagcac	60
cacgtcaaag	ccttggttac	gtgcaaaagc	aatggcttcc	atggcaatgc	cagcagcatc	120
cttgccatag	cccttttcaa	acaactgcac	catggtgcgg	ccaccatgct	tctctggagg	180
gtgtagggca	ctcaaacgcc	gggtgtgtgt	acgcag			216

<210> 380

<211> 555

<212> DNA

<213> Homo sapien

<400> 380

ccatgggcct	tcctttccac	taaaaggaat	tccgaacagc	aaaaagaagg	tcttgagata	60
gtgaaaatgg	tgatgatatc	tttagaagg	gaagatgggt	tgatgaaat	ttattcattc	120
agtgagagtc	tgagaaaact	gtgcgtcttc	aagaaaattg	agaggcattc	cattcactgg	180
ccctgccgac	tgaccattgg	ctccaatttg	tctataagga	ttgcagccta	taaatogatt	240
ctacaggaga	gagttaaaaa	gacttggaca	gttgtggatg	caaaaaccct	aaaaaaagaa	300
gatatacaaa	aagaaacagt	ttattgctta	aatgatgatg	atgaaactga	agtttttaaa	360
gaggatatta	ttcaagggtt	ccgctatgga	agtgatatag	ttcctttctc	taaagtggat	420

T0E050"9296+860

gaggaacaaa tgaaatataa atcggagggg aagtgttct ctgttttggg attttgtaaa 480
 tcttctcagg gtcagagaag attcttcatg ggaaatcaag ttctaaaggc tttgccccaa 540
 gagatgatga ggcag 555

<210> 381
 <211> 406
 <212> DNA
 <213> Homo sapien

<400> 381
 ctgcaccagg tgggcctcta ggtccatta agccattgg tccagggcc agtccaactc 60
 cttttccatc atactgagca gcaaagttcc caccgagacc aggggggccg ggaggaccag 120
 gtggaccagg agggcctgtg ggaccatctt caccatctct gcctgggggg cctggtggac 180
 ccctttctcc acgtggtcct ctatctccgg ctgggccctt tcttacagtt tcctcttgta 240
 aagattggca tgttgctagg cataaggta ctgcaagcag caacaaagtc cgcgtatcca 300
 caaagctgag catgtctagc acttagacat gcagactcct tgtgtcgcag agcccctggg 360
 tcaccggcgg aggtatcacc tggcgggcgc gggcatgcag tcgtgg 406

<210> 382
 <211> 528
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 382
 ctgagcagtt tgtgggtntn tottcccga agtttcagga agtattcaca aaagaaaaat 60
 acatttttc cccaggggt ggggcaagga cagtggagag agtgctagga aatgagtccc 120
 ctgggaaagg ggaccgggcc gtgatgttaa atatctccgg ctcccaagt actggatttg 180
 cctaggacct tcagaccaac agacttcaga cctcagacc tgccccgggg ccaggtggag 240
 aaagtgaggg ccgtacaagg aagtgaatt ctgagttggt ggggctaagc ctgaccccct 300
 ctccatgctc cccgccccaa cccactctgg cctcagtaga ttttttttc agttgtggtt 360
 gttgccagc ctggagtgc gtagcgccat cttggctcac tgcacctcca ccttccgggc 420
 tcaagcgatt ctccagcctc agcctcctga gtagctagga ctgcaggtgc tccaccacgc 480
 ccggctaatt tttgtatttt tagtagagat ggggtttccc catgttgg 528

<210> 383
 <211> 335
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 383
 ccatnttgag totactcctg cgtcttgtgc cctagcacc cgagaaccgt cagtttgagc 60
 cagatggaag ctgagctgaa cacattacga tggatgatgg aaacataaga ctatcaagaa 120
 atccaagtgg taatgggcga agtttattca gcatccggca atggacttat cgtagttggg 180
 gaaacgggtg ttccgaataa tatcctggaa gttatcagga cacctatatt aaatataggc 240

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ctgaattttg taaagtaata tttaagggtg tccgtgataa ttaaataaaa tgcttaattc 300
atgtggcgaa aaaaaaaaaa naaaaaaaaa aaaaa 335

<210> 384
<211> 333
<212> DNA
<213> Homo sapien

<400> 384
agtccaatac ggctattggg gttgtagcag ctttcagagg aaattagtg tctgggcttg 60
cctccagctc cccaggggca gccccagtag ctacactgtc cagacagcac aagaccaggc 120
tgggtgtcacg tccatccgag cgctgcctca gggatcgata aagtttctact gcagaaagtc 180
tccactgcgg tatgctgaca tctgccctga accttcaccc tacagcatta caggctttaa 240
tcagattctg ctggaaagac acaggctgat ccacgtgacc tcttctgcct tcaactgggct 300
ggggtgatcc ttggtgcctt tgtttccaca agg 335

<210> 385
<211> 343
<212> DNA
<213> Homo sapien

<400> 385
ctgtgacacc tcaggttgaa agggctcttc tccttgaaca cccaccgagg ggcttgaggc 60
aacagccagc cgatatggac ttctagctgc accgggtcac tgagggtgga gaggtttgtc 120
tggtcacctgt actctccact gtcgtcgact gtggcagcgt caatgaagta gctcgaggcc 180
tggtttgaga tgaggtctc attgtgaaac cactgtgtgg aattgtcctc aggggagtag 240
gtccctggc acttcagagt cacactgtcc ttctcgagca ccctgtacca ttgaggctcc 300
aggaacacca cagcctttgg gagatcttca gtccgcatgc caa 343

<210> 386
<211> 244
<212> DNA
<213> Homo sapien

<400> 386
tattctttga ttcttgcaa ataggtgaga gaactaatag caaccaggca actgaggacg 60
aagtcaaaaa gtcggttaaca gaagaatgga atcagccaac ccacttgata agaaattgct 120
ccataaacca gcattgaact gattataaac ataagaacag agacggcaaa aagaacacag 180
gcattatcag ccattctctc agacgaatag taattaccga tgacttcata ctgaatgttg 240
acag 244

<210> 387
<211> 504
<212> DNA
<213> Homo sapien

<400> 387
atctggagtc cagcctcagg gatgcgctac ttccattct ctgcattgaa cattcgttct 60
gtcagcatcc gctccagctt cactgcatca gcggcaaact tgcggatccc gtcagagagc 120
ttctccacag ccatctggtc ctggttggtc aaccaacgga aagacttctc atccagggtg 180
attttttcca ggctactggc ttgggccgcc ttggctgaga gcacaggcac cagcttggcg 240
ttgtcctgca gcagctctcc caggagcttg ggtgggatgg tgaggaagtc acagccggcc 300
agtgttttga tctcgcccggt gttgcggaag gaggcgcca tgacaatggg tttgtagcta 360
aacttcttgt agtagttgta gatttttagtg acactcttta cccaggggtc ttccaggggc 420

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tcataggatt tcttgtcggg gtttgccaca tgccaatcaa ggatgcgccc aacaaatggg 480
gagatgaggg tcacaccgc ctcg 504

<210> 388
<211> 450
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 388
gccaaagtgc tgcntgaatt ccactccctt ggttttcgcc tgcccagcgt tgctgtttgc 60
gtggaggggtg gggggagctc agtggcaggg aatcagcggg ccgtgggggc gtggggacgg 120
gaacatgtgc ccgaccgctc catccctctc tctccttag gatgcataac ctaccttgct 180
ttttttttt taaattttnt ttccagggtan agtagctntt tgtacataaa naatacttga 240
aaaattaatt gtatgatgta tgaaaanaca nagtctccta gttttgtatn ttgttgatg 300
actgccatga gttccaccaa aaagccactn tattttgggc tntgtgacat tttaaatgcg 360
tgacaaaagt gagcaataa agngaggaan aaatntatnt atganataat atanattgta 420
ttgaaatcta aaaaaaaaaa aaaaaaaaaa 450

<210> 389
<211> 297
<212> DNA
<213> Homo sapien

<400> 389
cctgcacttg aacatggctt tggttttaag caacttctct accctgacct tctcctggg 60
acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccg 120
caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297

<210> 390
<211> 223
<212> DNA
<213> Homo sapien

<400> 390
ctgggctgga gagttggtgc tggcaaaaca gtccttcccc tggggccggg tcttaccag 60
gtccagagaa accaacgcgg gatgtcagac ttcacaaaaa ggactttctg gttgccctg 120
gctggcttcc tggaggcgtt cgcctctagt ttctcaggga tggagcgaga gccagccag 180
agaacagtaa gaggagctgc tctcctatct gcactcacc agg 223

<210> 391
<211> 365
<212> DNA
<213> Homo sapien

<400> 391
ctgaggaaga aatgaaaaaa gaccctgtcc ctcatggccc gccactggc ctcctgtgaa 60
ctctgtcctg ttgccaaccc cagatgaagt cagccaaaaa gtgctttcca catcctctct 120

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ctggggctgc ccagcctgac cgtaggggat ccactggcag agccaaggtg gatgctggtg 180
 cctgaagctg gaagccagca ggacatgaga cccctcctgt agcaggaagt gggtctagaa 240
 ctcccagcag aacagaacgg aaaaggagct gattggggat agaatgagtt ctgctaaaca 300
 gccagatgct ctgagagagg tgacactgga ctgtctcgga ggtgtgtgca gatggctaca 360
 ggtgg 365

<210> 392
 <211> 302
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 392
 ccaagagcta caatgagcag cgcatcanga cagaacgtgc aggtttttga gttccagttg 60
 actgcagagg acatgaaagc catagatggc ctagacagaa atctccacta ttttaacagt 120
 gatagttttg ctagccaccc taattatcca tattcagatg aatattaaca tggagagctt 180
 tgctgatgt ctaccagaag ccctgtgtgt ggatggtgac gcagaggacg tctctatgcc 240
 ggtgactgga catatcacct ctacttaaata ccgtcctgtt tagcgacttc agtcaactac 300
 ag 302

<210> 393
 <211> 213
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 393
 ccaataatca agnacaaana ctggatttga ggatggatca gttctgaaac agtttctttc 60
 tgaaacagag aaaatgtccc ctgaagacag agcaaaatgc tttggaaaga atgaggccat 120
 acaggcagcc catgatgccg tggcacagga aggccaatgt cgggtagatg acaaggtgaa 180
 tttccatttt attctgttta acaacgtgga tgg 213

<210> 394
 <211> 334
 <212> DNA
 <213> Homo sapien

<400> 394
 cctacccata atccagagag gcttgcccag aggaggacta cgtggggggac gtgccaccag 60
 aaccctactt gggggcgga tgactccg aggtcaaaac ctgctccgag gtggacgagc 120
 cgtagctccc cgaatgggt taagaagagg tgggtgttca ggtcgtggag gtccctggag 180
 agggggccta gggcgtggag ctatgggtcg tggcggaatc ggtggttagag gtcggggat 240
 gataggctcg ggaagagggg gctttggagg ccgaggccga ggccgtggac gagggagagg 300
 tgcccttgct cgccctgtat tgaccaagga gcag 334

<210> 395

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<211> 174
 <212> DNA
 <213> Homo sapien

<400> 395
 ccagatgagg aaaaaaatta ggaaggagat gaagttttcc aaattttcatg gtatatgctg 60
 cacttcccca accttcactc tccatgtagc ctactgggtc tactattcca caaagtggct 120
 caacctccaa atgacctctg gtttaccctt attaaaaatcc caaaggactt tcag 174

<210> 396
 <211> 140
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(140)
 <223> n = A,T,C or G

<400> 396
 ctgcaaagcc ttgtgtaacn ttctccagca tttggaccca gtacgtgaaa gcccacaaca 60
 cgttcattgt ctttagtatt acagattatt tttgcataac atttgttgtt atctcttgac 120
 ggaatcgctc attccaatgg 140

<210> 397
 <211> 318
 <212> DNA
 <213> Homo sapien

<400> 397
 cctcgccctgg agggcccccg ggcagcacag ggaggacgag cttgtccagc agaggggtctg 60
 gcagagggtc ccgcagaggt ttgggcaggg ggtctgacat ccctggctcc tgctctggct 120
 ctggctgccg ggatttgcac agggccagggt gcatacagat gccgtttgag tcagtctggt 180
 tctggaagta gtcgatgacc agggggaagt agtcgtcaag cacttggttg cactggggca 240
 tgagcagctt caaggggagg acgttgcaact cctgctccag gaacttctc atcgtgtcct 300
 ggaaaatggc ctcccttg 318

<210> 398
 <211> 517
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(517)
 <223> n = A,T,C or G

<400> 398
 ccttncttcg ccattccattc atcgaccctc tccagcactt gctgcaggct tggctgacca 60
 tccaccatgg cttgaataat cccggtagc tctgtacaga atggggtaag ctgtggatgg 120
 actacaggct ggacatacat gtgaaaggta gactcaatct ccatgggtccg gccatttagc 180
 tttaggatgg ggaactcgat gatttcctga ggatgaatct gtggcttgct gcacgtggcc 240
 tcaaagtcca gcaactaaaa gtagtgatac ctctggagag ggaaggacac cattgccgcc 300
 atggatgcgc caaagccgtg ggccgccagc tttctggtgg atatggagca gaactccgga 360

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acaccacagg gagaaaataa gtgggagccc agcacttttc ttgctcttga aagtaaatac 420
gaagaaaatc gagctgctcc agtctgtaaa ggtgctagca ttgaacatcc agaagcatct 480
aaaactctcc ttacttcgaa gatgccaaga ccggcag 517

<210> 399
<211> 329
<212> DNA
<213> Homo sapien

<400> 399
ccaacctcag gcaacgggtg gagcagtttg ccagggcctt ccccatgcct ggttttgatg 60
agcattgaag gcacctggga aatgaggccc acagactcaa agttactctc cttcccccta 120
cctgggccag tgaaatagaa agcctttcta ttttttggtg cgggagggaa gacctctcac 180
ttagggcaag agccaggtat agtctccctt ccagaattt gtaactgaga agatcttttc 240
tttttccttt tttcggtaac aagacttaga aggagggccc aggcactttc tgtttgaacc 300
cctgtcatga tcacagtgtc agagacgcg 329

<210> 400
<211> 451
<212> DNA
<213> Homo sapien

<400> 400
ctggcttcac tgctcaggtg attatcctga accatccagg ccaaataagc gccggctatg 60
cccctgtatt ggattgccac acggctcaca ttgcatgcaa gtttgctgag ctgaaggaaa 120
agattgatcg ccgttctggt aaaaagctgg aagatggccc taaattcttg aagtctggtg 180
atgctgccat tgttgatatg gttcctggca agcccatgtg tgttgagagc ttctcagact 240
atccaccttt gggtcgcttt gctgttcgtg atatgagaca gacagttgcg gtgggtgtca 300
tcaaagcagt ggacaagaag ctgctggagc tggcaaggct accaagtctg ccagaaaagc 360
tcagaagcta aatgaatatt atccctaata cctgccaccc cactcttaat cagtgggtga 420
agaacggctc agaactgttt gtttcaattg g 451

<210> 401
<211> 180
<212> DNA
<213> Homo sapien

<400> 401
ccaggaagca ggccagggga ttggcagcac tgcccagcac cacagccagg tggtaggcca 60
gacgcccgtg gggtaagcag gaaaagctct gcacggcagg cagcacgcca ttggtcagcg 120
cgttggtggc ggccaacagg cccagcaggc aggcaactgc ggctgataga agctgatagg 180

<210> 402
<211> 385
<212> DNA
<213> Homo sapien

<400> 402
ccaggccacc tgtcgggggc tcctcgatgt ggaagggttcg ggtgaggaga ttgtagaagg 60
agccgtagca cacggccacc acagtgcacg tgaggcagat cacgttgtag ggcattgcta 120
agtccggtgt cggcagggtt accagcagcg gctccgtgta gagccgcaca aagtagttag 180
agccatcaga gactgggaac aggtgttgta agaggggact ctcttcccag tccactggct 240
tggtgctac catgctgggc acaagggcgc tgaggacaga tgggctgaca tagaagccat 300
ggttaggatc tggcgtgtac tcggtccact tcagcagcgc ccgctcaaac tggatggaaa 360

ccttggtgac tgagttggcc ggcag

385

<210> 403
 <211> 440
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 403
 ctgtttaacc agnaaccg ggggtcaccc cccacagaat gtacatgaaa cactagagga 60
 ctgcatgttt ttccctgaga gaagcgtaag acaaacagaa gtcaaaaagt agtcaactggg 120
 agcgccatcc ttctaagcaa atcctccctt tcccttttgg aggatttgcc cgaactacgt 180
 agccagtcag cacttagacc acctgcctcc tccccccct ataaaccac cactcccctc 240
 ctccctttcc aaaccacttg ggtgtccta agccctcact gcccgaagcc caaaatatca 300
 gctaagatcc ttgtcagtat ttccacagtc atacctaag aattgggaag tggggcccct 360
 aaaaaccaat tcacatctat gcacttgttt ccactggatt tggcagacag gcttttttag 420
 ttaccgtaac cagatcttaa 440

<210> 404
 <211> 239
 <212> DNA
 <213> Homo sapien

<400> 404
 cctacgaaaa actccgggcc ggtgaagaga acgtcagtgc catccagcgt cgcgttctcg 60
 tctcctatct ccacaattcg gagccccagg tcttgaggag ctttgaggac tccatcgacc 120
 tctggcctac gagcggggct ccaggggcgc gtgattaggg ccgtgtcccc ttggatcacg 180
 gccgtgtcgc caagcagcgg tcccagcggc aatgactcct caggtggcag ttctagcag 239

<210> 405
 <211> 261
 <212> DNA
 <213> Homo sapien

<400> 405
 ctggagaggc agcccttcac cggatgcca gctccgtgcc cctgcggggc ccagcacagt 60
 ttaccttctc cccccacggc ggtcccatct actctgtgag ctgttcccc ttccacagga 120
 atctcttctc gagcgctggg actgacggg atgtccacct gtactccatg ctgcaggccc 180
 ctcccttgac ttgctgag ctctccctca agtatctgtt tgctgtgcgc tgggtcccag 240
 tgcggccctt ggtttttgca g 261

<210> 406
 <211> 641
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(641)
 <223> n = A,T,C or G

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<400> 406

ctgctcccgg	gcntggtggc	agcaagtaga	catcgggcct	gtgcagggcc	acccccttgg	60
gccgggagat	ggtctgcttc	agtggcgagg	gcagggtctgt	gtgggtcacg	gtgcacgtga	120
acctctcccc	ggaattccag	tcatcctcgc	agatgctggc	ctcaccacag	gcgctgaaag	180
tggcattggg	gtggctctcg	gagatggttg	tgtgggtttt	cacagcttcg	ccattctggc	240
gggtccagga	gatggtcacg	ctgtcatagg	tggtcaggtc	tgtgaccagg	caggtcaact	300
tgggtggactt	ggtgaggaag	atgctggcaa	aggatggggg	gatggcgaag	acccggatgg	360
ctgtgtcttg	atcggggaca	cacatggagg	acgcattctg	ctggaaggtc	aggcccctgt	420
gatccacgcg	gcagggtgaac	atgctctggc	tgagccagtc	gctctctttg	atggtcagtg	480
tgctggtcac	ctttaggttc	gtgggcccag	actctttggc	ctcagcctgc	acctgggtccg	540
tggtgacgcc	agacccacc	tgcttcccct	cgcgcagcca	ggacacctga	atctgccggg	600
gactgaaacc	cgtggcctgg	cagatgagct	tggacttgcg	g		641

<210> 407

<211> 173

<212> DNA

<213> Homo sapien

<400> 407

ccaggtagctg	gcacaatcat	gtctggatgg	gggtgggtgg	gtcctgtagg	cagagaaaaca	60
ggaaattgtc	gtagtcagta	tcgagcagcg	tggcctcggt	cgccaccgta	tagttgatct	120
tgaacttctt	tggattctca	gtcttctctc	caaggacctt	cttctcaaca	cag	173

<210> 408

<211> 165

<212> DNA

<213> Homo sapien

<400> 408

ccactgtctg	cagccatggc	agaaagtgct	caaagtccag	caccttcaca	ttcatotcat	60
cactcttggg	gttccccagg	accttgagca	cctcggcgtt	ggtaggggtc	tggcccaggg	120
ccctcatcac	atccccacac	tggctgtaca	ggatcttgcc	atcac		165

<210> 409

<211> 329

<212> DNA

<213> Homo sapien

<400> 409

ctgtagcttc	tgtgggactt	ccactgctca	ggcgctcaggc	tcagatagct	gctggccgcg	60
tacttggttg	tgttttgttt	ggagggtgtg	gtggtctcca	ctccgcctt	gacggggctg	120
ctatctgct	tccaggccac	tgtcacggct	cccgggtaga	agtcacctat	gagacacacc	180
agtgtggcct	tgttggttg	aagctcctca	gaggagggcg	ggaacagagt	gaccgagggg	240
gcagccttgg	gctgaccaag	gacggtcagc	ttggtccctc	cgccaaatac	cgccggataa	300
gcaccactgt	tgtctgctga	ttgacagaa				329

<210> 410

<211> 235

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

T0E050"92954350

<222> (1)...(235)

<223> n = A,T,C or G

<400> 410

```
ccatcagnga gaaaggtggt tgtcagttgt ttcacaaacc agattgagga ggacaaactg      60
ctctgccaat ttctggattt ctttattttc agcaaacact ttctttaaag cttgactgtg      120
tgggcactca tccaagtgat gaataatcat caagggtttg ttgcttgtct tggatttata      180
tagagctttt tcatatgtct gagtccagat gagtttgtca ccccaacctc tggag          235
```

<210> 411

<211> 294

<212> DNA

<213> Homo sapien

<400> 411

```
aattaagggg agatgaagat gataaaacag ttttgatct tgcgtgtggtt ttgtttgaaa      60
cagcaacgct tcggtcaggg tatcttttac cagacactaa agcatatgga gatagaatag      120
aaagaatgct tcgcctcagt ttgaacattg accctgatgc aaaggtggaa gaagagcctg      180
aagaagaacc tgaagagaca gcagaagaca caacagaaga cacagagcaa gacgaagatg      240
aagaaatgga tgtgggaaca gatgaagaag aagaaacagc aaaggaatct acag          294
```

<210> 412

<211> 433

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(433)

<223> n = A,T,C or G

<400> 412

```
cctgagaagc cagagggcagg tggagagggg gtggaaagtg agcagcgggc tgggctggag      60
ccgcacacgc tctcctccca tgttaaatac cacctttaga aaaattcaca agtccccatc      120
cacaaaaaaa aaaanaanaa aaatttcagg gantaaaaat anactttgaa caaaaaggaa      180
catttgntgg cctggggggg catctnantt tntntagcnc cagngattcc ctccccnccc      240
cacccatcac atanatgtaa caccttttgt ntaaaatggg gagccgtttc cacntgccc      300
ccntccccgc ccccgagcag ttgccccggn gacacntcaa gacaggancg aggtagtntt      360
tcancancac agttncacaa ggaacagaac agtntctccc gccagccct gcggcacaag      420
ggattgacac gcn                                433
```

<210> 413

<211> 494

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(494)

<223> n = A,T,C or G

<400> 413

```
ccttatttct cttgtcnctt cgtacagggg ggaatttgaa gtagatagaa accgacctgg      60
attactccgg tctgaactca gatcacgtag gactttaatc gttgaacaaa cgaaccttta      120
```

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```
<210> 414
<211> 294
<212> DNA
<213> Homo sapien
```

```
<210> 415
<211> 421
<212> DNA
<213> Homo sapien
```

```
<210> 416
<211> 342
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(342)  
<223> n = A,T,C or G
```

<210> 417

<211> 389
 <212> DNA
 <213> Homo sapien

<400> 417

tattaattag	gttcttaaga	catttagaac	accaatttgt	gaggataaat	tccattcgtc	60
agagcaaaca	cagatcgag	gtagccctgg	agctgaggaa	tagctttgat	ttttggtaaa	120
atttgtgagt	ccacagcttt	ctgatcaatc	ttgcgctgct	ccgtaatctc	atatttctct	180
ttttctgtgt	cgaagatctc	accttcctgg	tgtctgggct	tccgcagctt	cttcttcttg	240
aagtaagcat	cagtaagatg	ttttgggatt	tttacattgc	tgatatcgat	tttggttgaa	300
gtggcaatga	caaatttctg	gtgtgttctt	cgtagaggaa	ctcgattgag	gaccagaggt	360
ccagtcacaa	gtaataagcc	actagccag				389

<210> 418
 <211> 343
 <212> DNA
 <213> Homo sapien

<400> 418

gtgggagggg	gccaggttgg	gatggagggg	gtttacagga	agcagacagg	gccaacgtcg	60
aagccgaatt	cctggctctg	ggcaccaacg	tccaaggggg	ccacatcgat	gatgggcagg	120
cgggaggtct	tgggtggttt	gtattcaatc	actgtcttgc	cccaggctcc	ggtgtgactc	180
gtgcagccat	cgacagtgc	gctgtagggt	aagcggtgtg	tgccctcggc	gcggatctcg	240
atctcgttgg	agccctggag	gagcagggcc	ttcttgagggt	tgccagtctg	ctggtccatg	300
taggccacgc	tgtttttgca	gtggtagggt	atgttctggg	agg		343

<210> 419
 <211> 255
 <212> DNA
 <213> Homo sapien

<400> 419

cctagcaaga	gaatcaccaa	atttatggag	agttaacagg	ggtttaacag	gaaggaagtg	60
cctttagtaa	gttctcaagc	cagaggctgg	aggcagcagc	taaatcagag	gacagcatcc	120
tcagtgaag	tgagccattc	ggggtggcat	gtcactccag	gaataaacac	aacttagaaa	180
caaagtattt	cgtaggatag	cacagtgcac	tggtgcactg	tgaacctgag	gccactgtgt	240
caaactgtgc	actgg					255

<210> 420
 <211> 261
 <212> DNA
 <213> Homo sapien

<400> 420

cttctgatga	taaccaaccc	ctagctacca	ctctgtattc	atcaggggag	gggtataaac	60
cccacatgca	agaagaaccc	ttgccccag	tgtcaaatgg	gatggggatg	ctagagttat	120
agtaaagggg	aaaccctatg	taagctgtta	acagagttca	caggggtagg	gataaccctt	180
gttctccagc	tcccaaatgt	gtcacttttc	ccagcttctt	catccgttca	tcaatgctgg	240
caaagtcccc	ctcaactgtg	g				261

<210> 421
 <211> 179
 <212> DNA
 <213> Homo sapien

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<400> 421
 ccttcctggt gttgtttcaa atgctgcttg atttctcgta acagatctgc atctatgtaa 60
 tacctttctt cagatctgac tgctccaaaa tgattctgca tcctgatttg agacatcaat 120
 tcatttagtc ggcccttgaa ctgagtaggt gcatttagtt caccctgaat cgtatccag 179

<210> 422
 <211> 424
 <212> DNA
 <213> Homo sapien

<400> 422
 cgaggtccaa atctgatctg cagatgcaga agattcgaca gaagctgcag actaaacagg 60
 ctgccatgga gaggtctgga aaagctaagc aactgcgagc acttaggaaa tacgggaaga 120
 aggtgcaaac ggaggttctt cagaagaggc agcaggagaa agcccatatg atgaatgcta 180
 ttaagaaata tcagaaaggc ttctctgata aactggattt ccttgaggga gatcagaaac 240
 ctctggcaca gcacaagaag gcaggagcca aaggccagca gatgaggaag gggcccagtg 300
 ctaaaccgac gtataaaaaa cagaagtttg gttttggtgg aaagaagaaa ggctcaaagt 360
 ggaacactcg ggagagctat gatgatgtat ctagcttccg ggccaagaca gctcatggca 420
 gagg 424

<210> 423
 <211> 256
 <212> DNA
 <213> Homo sapien

<400> 423
 ctgtggccta gggctacctc aagactcacc tcatccttac cgcacattta aggcgccatt 60
 gcttttgga gactggaaaa gggaagggtga ctgaaggctg tcaggattct tcaaggagaa 120
 tgaatactgg gaatcaagac aagactatac cttatccata ggcgaggtg cacaggggga 180
 ggccataaag atcaaacatg catggatggg tcctcacgca gacacacca cagaaggaca 240
 ctagcctgtg cacgcg 256

<210> 424
 <211> 330
 <212> DNA
 <213> Homo sapien

<400> 424
 ccagccgcat gggagtggag gcagtcacg ccttgctaga ggccaccccg gacacccag 60
 cttgcgtcgt gtcactgaac gggaaccacg ccgtgcgct gccgctgatg gagtgcgtgc 120
 agatgactca ggatgtgcag aaggcgatgg acgagaggag atttcaagat gcggttcgac 180
 tccgagggag gagctttgcg ggcaacctga acacctaaa gcgacttgcc atcaagctgc 240
 cggatgatca gatcccaaag accaattgca acgtagctgt catcaacgtg ggggcacccg 300
 cggtgggat gaacgcggcc gtacgctcag 330

<210> 425
 <211> 333
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(333)

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<223> n = A,T,C or G

<400> 425

ctgctccatg	gntcctaaagt	cagcaccacc	cacacccaca	atgatcaactg	acatgggcag	60
gttcgaggca	cgcaccacag	cctcacgtgt	ggcttccaca	tccgtcacag	caccatcagt	120
cagnagaaac	agnatgaagt	attgngaggc	antccccctga	tgtgcagcct	gggctgcaaa	180
cctggacctg	cccgggcggc	cgctcgaaag	ggcgaattcc	agcacactgg	cggccgttac	240
tagnggatnc	agantcgggt	acnaagcttg	gcagtaataca	tggtcatagc	tgtttcctgt	300
gagcggntgg	gatgaacgcg	gccgtacgct	cat			333

<210> 426

<211> 411

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 426

gggtgttcat	catgaggatt	gcttctgccca	tggagctgat	ggacgtgggc	aggttgctga	60
gaaggtgggg	tggaagttag	tgccgggggt	gggtgagtgc	cctgggtcttg	ttcatagggg	120
agcctttccc	tagcagtggg	acgctgtggt	cattttctct	agcatattcc	cttgggaagt	180
ctagatttgc	tattaatctg	gctgagaatc	taagtctctg	gccttagaga	cagtttgac	240
tttcccatat	tgtgcctggg	acagccatat	gatttttttt	cccaccaaac	aagtatgcaa	300
acagaaacca	gttcaaagg	ggatggtgta	aaagatgagg	cagtanaaat	gcctttgaat	360
ggttttctgt	agctaattct	cttttaaattt	tgtcctgctt	tttttcttta	t	411

<210> 427

<211> 450

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 427

acgtgtacaa	gtttgaactg	gatacctctg	aaagaaagat	tgaatttgac	tctgcctctg	60
gcacctacac	tctctactta	atcattggag	atgccacttt	gaagaacca	atcctctgga	120
atgtggctga	tgtggncatc	aagttccctg	aggaagaagc	tccctogact	gtcttgtccc	180
agaacctttt	cactccaaaa	caggaaattc	agcacctggt	cgcgcagcct	gagaagaggc	240
ccccaccgt	ggtgtccaat	acattcactg	ccctgatcct	ctgcgcgttg	cttctgctct	300
tcgctctgtg	gatccggatt	ggtgccaatg	tctccaaact	cacttttgot	cctagcacga	360
ttatatttca	cctgggacat	gctgctatgc	tgggactcat	gtatgtctac	tggactcagc	420
tcaacatggt	ccagaccttg	aagtacctgg				450

<210> 428

<211> 377

<212> DNA

<213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 428

cagggctata	gtgcgctatg	ttgatctggt	gttcatgcta	agttccgcat	caatatggtg	60
acttcttggg	agtgggggac	caccagggtg	cctaaggagg	ggtgaacctg	cctacgttgg	120
aaatagagct	ggncaaaaact	cctgtgctca	tcagtagtag	aattgcacct	gtgaatagcc	180
nccgcctcc	agcatgggca	acataacaag	accctgcctc	ttaaagataa	aaattggaaa	240
acactngtag	gaaaaaaagg	gtgnttggtc	taaataaatn	tggattgggn	ataaatgacn	300
caaaactatc	atgaatttga	aagcntttct	aatttcttga	aagtctgaaa	aaagttaaan	360
cncaatttta	tctnaaa					377

<210> 429
 <211> 206
 <212> DNA
 <213> Homo sapien

<400> 429

gttgctcctc	caaagaaggt	tggcttcaag	gccgtgtcca	gggacccacg	agcagaggca	60
ctggggggca	agggatctcc	aagggggcaa	gggatcccta	aagggggtag	ctcacagggtg	120
agggggttta	gggcccctct	agggagcgcc	tgaggccata	cattcaagag	tgtccctggt	180
gaggcccagg	gaagagccag	gactgg				206

<210> 430
 <211> 473
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 430

ccttatttnt	cttgtccttt	cgtacaggga	ggaatttgaa	gtagatagaa	accgacctgg	60
attactccgg	tctgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120
atagcggctg	caccatcggg	atgtcctgat	ccaacatcga	ggtcgtaaac	cctattgttg	180
atatggactc	tagaatagga	ttgctgtgtt	atccctaggg	taacttggtc	cgttggtcaa	240
gttattggat	caattgagta	tagtagttcg	ctttgactgg	tgaagtctta	gcatgtactg	300
ctcggagggt	gggttctgct	ccgaggtcnc	cccanccgaa	atttttaatg	cagggtttggt	360
agntnaggac	ctgtgggttt	gttaggtact	gggtgcatta	ataaattaaa	gctccatagg	420
gtcttctcgt	cttgcctgtg	tatgcccncc	tcttcacggg	caggtcaatt	tca	473

<210> 431
 <211> 215
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

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<400> 431
 cctgtatnaa gctanaaaaa gactaccagc ccgggatcac cttcatcgtg gtgcagaaga 60
 ggcaccacac ccggctcttc tgcactgaca agaacgagcg ggttgggaaa agtggaaaca 120
 ttccagcagg cagcactgtg gacacgaaaa tcaccacccc caccgagttc gacttctacc 180
 tgtgtagtca cgctggcatc caggggacaa gcagg 215

<210> 432
 <211> 391
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 432
 ccagcactgc cacaaacttt ttcagggccca ccaggcgctg cccttccagg accgggaacc 60
 tgcccacttc tatccgcagg atgtagtgcg gtgcagattc caggtcagcc atgtagatcc 120
 tggagcgatc tgccaatttc caaacagtggt gagctatctt gttagcagtg gttggtgcaa 180
 ctgtggtctg ggcagcctcc ctggtgagcc cagagagtct ctgcaggtaa gcggtataga 240
 aggacctgga ttccatgagc acgggggactc gggagacgga gccattccgg aacagcaggt 300
 agcaagaggg gaagtcggtg acaccaaact ttctcaccac attggcctct gtgttcagca 360
 ccctgcgcac cgccacncct ttgtgctggg a 391

<210> 433
 <211> 420
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 433
 ctgtagcttc tgtgggactt ccaactgctca ggcgtcaggc tcagatagct gctggctgcg 60
 tacttggtgt tgctttgttt ggaggggtgtg gtggtctcca ctcccgctt gacggggctg 120
 ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
 agtgtggcct tggtggcttg aagctcctca gaggagggcg ggaacagagt gaccgagggg 240
 gcagccttgg gctgacgtag gacggttagt ttggnccctc cgccgaatgc cgcanttcta 300
 ctgtcccaca cctgacagta atagtcancc tcattctcgg ctggggctct gctgatggtc 360
 agggtagggc gtgntcccg agttggagcc agggaatcnc tcagggatcc canagggcn 420

<210> 434
 <211> 239
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

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<400> 434
 ccaaccanga gagaagggat cgcctgggtgc ccaggggcca ccaggagctc caggcccact 60
 tgggattgct gggatcactg gagcacgggg tcttgacagga ccaccaggca tgccagggtcc 120
 taggggaagc cctggccctc aggggtgtcaa ggggtgaaagt gggaaaccag gagctaacgg 180
 tctcagtggg gaacgtggnc cccctggacc ccagggtctt cctgggtctgg ctggtncag 239

<210> 435
 <211> 415
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 435
 ctgtccaatg gcaacaggac cctcactcta ttcaatgtca caagaaatga cgcaagagcc 60
 tatgtatgtg gaatccanaa ctcagtgagt gcaaaccgca gtgaccaggt caccctggat 120
 gtctctatg ggccggacac ccccatcatt tccccccag actcgtctta cctttcgga 180
 gcaaacctca acctctcctg ccaactcgcc tctaaccat cccncanta ttcttgccgt 240
 atcaatggga taccgcagca acacacacaa gttctnttta tcgccaaaat cagccaaat 300
 aataacggga cctatgcctg tttagggntn taacttgnt actggccgca anaattccat 360
 agtcaagagc atcacagnct ctgcatntgg aacttctcct ggctntcaga cctgn 415

<210> 436
 <211> 152
 <212> DNA
 <213> Homo sapien

<400> 436
 ccaggattga caggccatcc attcacagcc aggagatgct gggccagtcc ctccaagagg 60
 tctccgtcat ggcagtgatg aaaacctaac aggggtggccc cctgtgccag ctcagggtgac 120
 tggagcccga gggcctgaca gggtccagc ag 152

<210> 437
 <211> 174
 <212> DNA
 <213> Homo sapien

<400> 437
 ccagggtactg gcacatcatg ctctggatgg ggggtgggtgt gtcctgtaag cagagaaaca 60
 ggaaattgtc gtagtcagta tcgagcagct gtggcctcgt tcgccaccgt atagttgatc 120
 ttgaacttct ttggattctc agtcttctct ccaaggacct tcttctcaac acag 174

<210> 438
 <211> 485
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(485)

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<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 441

ccacacagan	tcaccaagcc	acagacttgt	cttcacaaag	cacgttctta	tcttagccac	60
gaagtgacca	agccacacgt	actaaagggt	gaactcaaag	atatgtacag	ggtattaaac	120
aaataccaag	gggaacagtt	aacttcaata	caaggtcgaa	atcagcaaca	agttctacaa	180
tccagngctg	atatcagata	caagcttcaa	ggacaatttc	ttttcgaagg	cttattccag	240
tttcgngagg	ctagcatgag	gtgtgtgcat	ttgccagggg	caaatttcta	ttctcaatta	300
acccatgcag	caaagtctac	ncatgggtgcn	gagtcggttt	agaagcattt	gcggtggacg	360
atggaggggc	ccgactcgtc	ttactcctgc	ttgctaatacc	acnngngctg	gaaggnggac	420
agtgaggcca	cggatggagc	caccnatcca	caccgagtnc	ttgcgctctg	ggggtgcgat	480
natnttgatc	ttcatgggtgc	tgggc				505

<210> 442
 <211> 386
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 442

cgccagggtga	tacctccgcc	ggtgacccag	gggctctgcg	acacaaggag	tctgcatgtc	60
taagtgtctag	acatgctcag	ctttgtggat	acgcggactt	tggtgctgct	tgcagtaacc	120
ttatgcctag	caacatgcca	atctttacaa	gaggaaaccg	taagaaaggg	cccagccgga	180
gatagaggac	cacgtggaga	aagggttcca	ccaggccccc	caggcagaga	tggtgaagat	240
ggtccacacag	gccctcctgg	tccacctggt	cctcctggcc	cccctggtct	cgatgggaac	300
tttgctgctc	agtatgatgg	aaaaggaggg	nggacttggc	cctggaccaa	tgggcttaat	360
gggacctana	ggcccacctg	gtgcag				386

<210> 443
 <211> 404
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 443

cctccctctc	agagcttgcc	ccagggactc	tctggccctc	agggttcaat	gtattctgac	60
caaggccaag	ctttcctggg	gtcaggggaa	aatcacactt	tgctaccgga	agctgtatcc	120
cctcagatgc	caggaaggcc	gtgatcatct	gactccaccc	tcctgagaca	cattctctcc	180
ctgactgtcc	tgttctaagt	cagcggagca	ccttaggatg	gaggggtgga	ggcgaggcca	240
ngatgcagcc	tctgtgaaca	ggtgcctgga	ggctgggaaa	tgaccctgag	agggcaggac	300
acagcnaccg	ngggcttaag	gtgagggngg	agagcaagnt	tggcccaactt	tacaattcta	360
gntcagagcc	anccctaac	atggngggca	tttattcatt	tcgg		404

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<210> 444
 <211> 318
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 444
 catgggctat agtgcgctat gttgatctgg tgttcattgct aagttccgca tcaatatngc 60
 gacttcttng gagtggggga ccaccangtt gcctaaggag ggggtgaacct gcctacgttg 120
 gaaatagagc tgggtcaaaac tcctgtgctc atcagtagta gaattgcacc tgtgaatagc 180
 caccgccctc cagcntgggc aacatagcaa gaccctgcct cttaagataa aaattggaaa 240
 acactggtan gaaaaaaagg ctgtttggtc taaanaagtc tggatnnggt ataaatgaca 300
 cnaancatc atgactnt 318

<210> 445
 <211> 418
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 445
 ccagtcacaac ctgctcctca ttattgtata aatgagcaga atcaatatgg cggaagccag 60
 cttcaattgc caatttggtg gcctctaaag ctttactttt aggaacctct gcaggcgcat 120
 aggtgccaaa tcccaggaca ggcattgaagt gaccatcatt cagcttcaca cactgatatt 180
 tcgaatccat ttctgtcact agcctggctg gcaaattgtt ctttcttcct ccctcacagg 240
 ctataagagc aatgagctgg caacgccctc gagcacactg tctgctgntt aaccaatggc 300
 atgtgagagg agggacagag gcagtcttac acaagctgtg ataaaaattg catncagttc 360
 aaccagtttc ttacnttatt ctaatgngna ggaagtgtgn gaagagcaca aagtcaga 418

<210> 446
 <211> 361
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 446
 ctgtccaatn acaacaggac cctcactcta ctgagtgtca caaggaatga tgtaggaccc 60
 tatgagtgtg gaatccanaa cgaattaant gttgaccaca gcgacccagt catcctgaat 120
 gtcctctatg gccagacga cccacccntt tccccctcat acacctatta ccgtccaggg 180
 gtgaacctca gentctctg ncatgcagcc tctaaccacac ctgcacagta tccttggtg 240
 attgatggga acntccagna acacnacaca agagctcttt atctccancn tnactganaa 300
 gaacagcgcg actctatncc ttccaggggg ggggggtggg gnntgnggac cttncggggc 360

T0E050"92964860

c

361

<210> 447
 <211> 321
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(321)
 <223> n = A,T,C or G

<400> 447
 ccagganant ggttccccaaggggacctc acccgccccg agctctggag ccgctgacgc 60
 tcgcatccag gacatttgag atgggaatcc aaataggcta cttgnaaaag acgtgctgca 120
 ngcagccctg gagagactca tggagttcat tgtacattac tccatctacc gaggcagcgc 180
 atggcatgac tnaacggctt gnaacaaaca canaaattac caccacaaac attcaggaac 240
 caaatataat ctgctatggc cacaccacag acaatgcagg aagaggcttt ttattgctng 300
 ngtgngtttt caaatcatgt t 321

<210> 448
 <211> 325
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 448
 ccagcttcaa ctttttagta tagaagatac aggatcacaa aaaggagact acgctttgca 60
 aacatagcat caaaattcaa cttttctctt tgcagtttat ccatggngtc agcatacctt 120
 gcaagggaag ctacttacat caaataactt ttctatatac atttcctcat tgaccttttc 180
 tcaaagaata tcttggtttt gccgaacaaa cataatatag gngtctgcca gatccattcc 240
 tggtttctgt ngtgaaggaa aagcaggggg aacaaaataa tatcagggtc tcaatngtga 300
 nattattatt taatcatacc ctgan 325

<210> 449
 <211> 123
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 449
 cattaatntt ggaagcgatg gtgtggatta catcagtgtt agggcatggt gtggatatta 60
 ttacattann attggaagcg atggtgtgga ttacatcagt gatagggcac ggtgtggata 120
 tta 123

<210> 450

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<211> 328
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 450

ctggcaattt	tgagctgccg	gttatacacc	aaaatgttct	gttcagtacc	tagctctgct	60
cttttatatt	gctttaaatt	tttaaagaaa	ttatattgca	tggatgtggt	tatttgtgca	120
tattttttta	caatgcccaa	tctgtatgaa	taatgtaaac	ttcgattttt	ttttaaaaaa	180
attagatttt	agctggagct	tttgactaat	gtaaagtaaa	tgccaaacta	ccgacttgat	240
ngggatgttt	ttgtaangtt	aattttctaa	gactttttca	catccaaagt	gatgctttgc	300
tttgggtttt	aactgtttca	acntnggn				328

<210> 451
 <211> 209
 <212> DNA
 <213> Homo sapien

<400> 451

ctgccttggt	tcaacagaca	tgcaaagatc	ctaggagaca	gtcccatag	accttcagac	60
attaaaaagg	gagccgtaca	gtttgtttga	agcacttcgt	cttaccatt	tatgcagggg	120
ccccaggaaa	cttacacaca	gccagaatga	ggttcccaaa	ggacttacat	taattatggc	180
tcttgcttcc	tttcacaaat	gagctgagg				209

<210> 452
 <211> 457
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 452

ctgtctantc	ccttcaagag	ctgtttatag	aagcttgaga	atggggtaaa	aattttctgct	60
agcaaaatca	agttcttttt	gaaattttat	cagtaatcca	gaatttagta	gtccatgctt	120
tctcactcag	catttagaaa	taaaaatgtg	gtttcttaaa	cgtatatcct	ttcatgtata	180
tttccacatt	tttgtgcttg	gatataagat	gtatttcttg	tagtgaagtt	gttttgtaat	240
ctacttttga	tacattctaa	ttatattatt	tttctatgta	ttttaaatgn	atatggctgt	300
ttaatctttg	aagcattttg	ggcttaagat	tgccagcacc	acacatcaga	tgcagtcatt	360
gttgctatca	gtgtggaatc	tgatagagtc	tngactccgg	ccacttgagg	ttgtgnactc	420
caaagctaag	gacagtgatg	aggaagatgg	catgtgg			457

<210> 453
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 453

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ccaattgatt tgatggtaag ggaggggatcg ttgacctcgt ctgttatgta aaggatgcgt      60
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct      120
atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg      180
gcatacagga ctaggaagca gataaggaaa atgactacga gggcgtgatc atgaaagggtg      240
ataagctcct ctatgatagg ggaagtagcg tcttgta                                277

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<210> 454
<211> 198
<212> DNA
<213> Homo sapien

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<400> 454
gttaaaagat agtaggggga tgatgctaata aatcaggctg tgggtggttg tgttgattca      60
aattatgtgt tttttggaga gtcattgtcag tggtagtaata ataattgttg ggacgattag      120
tttttagcatt ggagtaggtt taggttatgt acgtagtcta ggccatatgt gttggagatt      180
gagactagta gggctagg                                198

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<210> 455
<211> 608
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

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<400> 455
ctgagcaagc taaggaccag gggcaactag accctaataa tngtacttt tgaaaatgat      60
acaaactacc ttggttgtaa gaagtgcagg ttgaacactt taggagaaca gtcttcaaac      120
tggcaattca aaatttccca ttatatgtga ataaaatttg aaggatgtta aatgtccatg      180
gaaagtact cttgtaagtt aggatgcctt atactgaggc tttanaatga aagtacactt      240
cacaaatgga atagtgaaca taaattacca gaagtcaaga taatagtcac actagtaagg      300
taagcaaggc aaattccctt atacacaaaa attattttga tgaccttttt caataatgaa      360
tctgaaatga agtgttttaa aaagctccct aaacacaaaa cgaacataaa actgcttaat      420
aacttttagag ctcatgtaat attcttgctg aaaacagtta ctgaaattac cagcgaaatg      480
atggaatac tttaaagcag gncactcngt ataacttgga ataatttcac ttgctaactt      540
ttaagaagta ttctctggac tataaatcnt gggcaaatag acttccactt tattattacc      600
ccaaatta                                608

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<210> 456
<211> 467
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

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<400> 456
cctggacctg tgtaaactct caaacactct tttttacatt aggtcgtgaa gttaaatttt      60
ttactgtttc tgtgctacag actcttcaaa gggaaatagt taagtcaatt tcaaagaaaa      120
tgaccagcac atttttaaaa cattagaaat gatttgactt tgactatcta ctgccaaaaa      180

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094966-0504

aagggttaagg aatttgtaat gagaagctaa aaactttaag gaattttaag gaactcaaaa 240
 caaaaactca ttaaagttaa ttaaagttaa ttctacaaat aaagcctctt aatacatttc 300
 tataatagtc acttaagact taaattcaaa cactagcaaa ccacaaaatc agactgtntg 360
 actgacatcc aaaagataaa tataaatcaa aatccgaccc cagcattagc caaggggtag 420
 gtgttcctct tgaggaaggc aggaattcct cttctgccac ctgttg 467

<210> 457
 <211> 183
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 457
 ccaaattttn tactttaaac actgaaaaca gaggaagtta ataaaaattt taacctataa 60
 agtcccctgg ttgttagtca ttaacagcag attgtcagat aagactggta aaatgatggc 120
 tgctaagcat ttgatgatcc aggcgcagga tgatcaaact gcagcagatc atgcacgtga 180
 cag 183

<210> 458
 <211> 445
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 458
 gaaaaatata aagccaaaaa ttggataaaa tagcactgaa aaaatgagga aattattggt 60
 aaccaattta ttttaaaagc ccatcaattt aatttctggt ggtgcagaag ttagaaggta 120
 aagcttgaga agatgagggg gtttacgtag accagaacca atttagaaga atacttgaag 180
 ctagaagggg aagttggtta aaaatcacat caaaaagcta ctaaaaggac tgggtgaatt 240
 taataaaaaac taaggcagaa ggtttttgga agagttagaa gaatttgga ggccttaaat 300
 atagtagctt agtttgaaaa atgngaagga ctttcgtaac ggaagtaatt caagatcaag 360
 agtaattacc ancttaatgt ttttggcntt ggactntgag ttaagattat tttttaaatc 420
 ctgaggacta ncattaatgg gacag 445

<210> 459
 <211> 426
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 459
 cctatgatan cttctctagc tatcatactc caatcagcaa aaaatgagaa aatgttgaga 60

T.D.E.D. 92954860

aatagaagat aattcctcat ttaaggccac cttctagaat ttgtgcttaa gattctgctt 120
tcttctcatg ggccagcact tcggcaactg gcaaaaatta ggtgtacagg gatctaggta 180
atactgttta tttgagcaat aatatattgt gctaacgttc aggcataccta ttactgagaa 240
ataagggaaa atgagtgtaa agtacaacta agagtctcgg cgacagggaa aaataccatc 300
agttaaatat ccatagtcct agagcattta tgtaaaactg caatntgaat cctgcaatac 360
atnttggtt tttccctcag tgataccatg tgagggaagn ngctctgtca aggcggggccg 420
gataga 426

<210> 460
<211> 348
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 460
ccaaatttta aaatgttatt tttcatatca tttataacct tgtcacaatc cacttaaaga 60
agtttggtta tatttcactg aaaattttct tccagagtag gttttttttc gtgggttggg 120
gggtaacttt actacaatta gtaagtntgg tgcagaattt catgcaaag aggagtgcag 180
cagngtgata atttaaacad atntaaacaa aaacaaaaaa aatgaatgca caaacttgct 240
gctgcttaga tcaactgcagc ttctaggacc cggtttcttt tactgatnta aaancaaaac 300
aaaaaaanta annacnttgt gcctgaaatg aanccttgtt tttntna 348

<210> 461
<211> 378
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 461
ccactaagac agaacggaat ctagtagaag tgcaccaatg cttcagtccc tctactcag 60
catggtgagc agtggatcaat ctgtgccctg tggaatgatg ggcagataat tctggcatgt 120
gtaaataata ataaataatt cacttggtgc aggcagtatg tctatgaatt aaaacctagt 180
gtgtacacag tgcctacatg tgttacagcc ccacagtagg aatctacacc aaaatattta 240
ttagaaggaa tttggtccgt actacatcac gctttccgga gggtaaaaaa taaagtccat 300
ctatagacat ttcaccacag acccagagac tgagtctggc taaaacctgc aaaatgtcta 360
taacaaaagn ggatggct 378

<210> 462
<211> 197
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(197)
<223> n = A,T,C or G

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<400> 462
 gcgaggtcca cactattaaa agctgttggg taattgaagg tgatataaaa tgactgtcnt 60
 catttggagt gngcagcaca nttacttcat gttgctcang tttanaacaa tntcccctgn 120
 aagttctcac acagatnggn agaaatcata cctantntng gtnaatcact atggcagccg 180
 tngaagaatn taagaga 197

<210> 463
 <211> 279
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 463
 cataagtgat gangaggnaa aatcantnaa taagcctaca acntagaata cattaaaact 60
 tgcacatata catgttcaca gcatgtatac aatgataatc cctacggttt aaccaagtta 120
 tggttccctt ctacagcaga cacaaaacca aggtgaacta ggtnggcaga tgtanaggga 180
 ataccaaaaa aagggtaatn ngntcactga ttctgaagna tntgactgan catactgagc 240
 ttctgnactt tgggaatgca tnnaggnaac aatatcttg 279

<210> 464
 <211> 552
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 464
 gatgggttga taggtgcagc aaaccaccct ggcgcatggt taccaatgta acaaacctgc 60
 acatcctgca caggtactcc aaaactaaaa gtaaaaaaat ctaaaagaaa aaagaaaaag 120
 aattaaacc aaatcactt ccccatctgg acttgattta gatgaaaagc ttctggactt 180
 tgagctgatg ctatagtggg ttgaaaattt tggggtcctc agaaggggat gaggatatat 240
 tgcattgagag agcaacatga atcatngaga gccagagtat agagagnggt gggtagactg 300
 taggagagcc ctcaatgatc cgggctgtct tgtattcgcg ttgcacttac ttgtataata 360
 tggcagatgg gatgtgatgt cactttcaag attangttat aaatagacta tggcttcaat 420
 cagagggttt tcttctctgt ctanctctct tttgggtagn ttcattctga gagaaagcca 480
 nacctcngcc gcnaccacag ctaaggggag anttcagcn cactggcgcg cngttactag 540
 tgatccgng ct 552

<210> 465
 <211> 444
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(444)

10050-9296480

cagtgggtct	ctgatgcctt	gcctgcagca	gaaggagga	gcagagatca	agaggaagga	60
aaaaatcata	tgtacttatt	tgaaggtaaa	gattattcta	aagagcccag	taaggaagac	120
agaaaatcat	ttgaacaact	ggtaaacctt	cagaaaaccc	ttttggagaa	agctagtcaa	180

gagggccgat cactccgaaa taaaggcagt gttctcatcc cagg

224

<210> 469
 <211> 416
 <212> DNA
 <213> Homo sapien

<400> 469

ctgagttcta	gttcaaaagc	tttatcctta	acttcgtcat	gtactatgta	aattctagaa	60
tagaaaaggg	aaaggtaaga	ttttggtaac	ctccaaacat	tgaagtagtt	cacagaccca	120
aagtcagtac	aaattagaat	gtccatccat	aataaaaagta	tctataaaat	tacacagaca	180
cattctacat	agtatttaac	attagagaag	acaaattaca	cagggactga	aataaaatga	240
aacatctact	ctcccgacaa	atgttgaata	tacctaata	acccaagtgc	agttttatttt	300
tgcacattgc	tttagagata	taacttggct	gggcacagt	gctcacacct	gtaatcccaa	360
cactttggga	gaccaaggcg	gatggatcac	ttgaggtcag	ttcgagacta	gcctgg	416

<210> 470
 <211> 376
 <212> DNA
 <213> Homo sapien

<400> 470

caccttttaa	ctgtatcaca	aagtctgttg	ctgtggttac	agcctttggt	tccagtgatg	60
ttttgtccat	gctttcccc	aacccttaac	aatggttact	caaaagaatg	aaataatgag	120
tcattcattc	gggaatatgt	taaaatatcc	ctctttatca	ttacatttca	ctgcttagaa	180
actaggctgt	aattcaaggc	aacagttaag	tctgagaact	gttaaaaaaa	tctttgattt	240
tttttcattt	ttaagaaaaa	cctgcctatt	taattgttca	gacttgtaag	aggttcttca	300
attacatcct	ttttggttaa	tgtattattt	ctggaacaag	tagataaaat	tctacgcagt	360
aagcataata	aaaatc					376

<210> 471
 <211> 357
 <212> DNA
 <213> Homo sapien

<400> 471

ggcttcgtat	aatggttcct	ttgtcacccc	tgatcgacga	tttcgctacc	cgtaacaactc	60
tgacaaggga	acgaaatgct	tctgtgtatt	cacctagtgg	tctgtgaac	agaagaacaa	120
caactccacc	ggatagtggg	gtactgtttg	aagggtagg	catttcaaca	agacctagag	180
atgttgaaat	tcctcagttt	atgagacaga	ttgcagtaag	gaggccaact	acggcagatg	240
aaagatcttt	gcggaaaatt	caagaacaag	atattattaa	ttttagacga	actctttacc	300
gtgctggtgc	tcgagttaga	aatattgaag	atgggtggccg	ctacagggat	atttcag	357

<210> 472
 <211> 557
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(557)

<223> n = A,T,C or G

<400> 472

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cngagatgac atttacaatc tcttgaaang cagcagatgg cactctgggtg cttcctatga 60
 agcaacatgc ttgaaatcaa gggccaacaa ttgttgtagg aaagcaaaat atacctctaa 120
 cacctacgtt taccaaaaaa gctgacatct caaactctga gttgttgaga ctcaaatttc 180
 tcatccccaagaa agaagcctat tacggtagtg tgntggatgc tttttgtatc tctgataggc 240
 aggactata atggggggaa atacttctga ataaaaacat tggctgtctt gcaactgtgc 300
 atataatgtc tattcaaggg ggcagtgtgc ctagcatgat cctgaaatgt tgagataaaa 360
 ggaagttggc attaaagcac tatttgtctt atatgaaaag agtgactcta tcttccagta 420
 aacaagantt cctgcaatga aaaagaaatt ttttccttca ttatctataa actatacaaa 480
 ataaccttcc tttttaacct aagactcaaa cattnatatt tgatttttatt ctatttgata 540
 ccaattggta tgtccag 557

<210> 473
 <211> 264
 <212> DNA
 <213> Homo sapien

<400> 473
 cctccatcaa cagaaaggat aaagaccctc tcgggtctcc tcattaattc tgaactggaa 60
 aagccccaga aagtccggaa agacaaggaa ggaacacctc cacttacaaa agaagataag 120
 acagttgtca gacaaagccc tcgaaggatt aagccagtta ggattattcc ttcttcaaaa 180
 aggacagatg caaccattgc taagcaactc ttacagaggg caaaaaaggg ggctcaaaag 240
 aaaattgaaa aagaagcagc tcag 264

<210> 474
 <211> 165
 <212> DNA
 <213> Homo sapien

<400> 474
 aattcagctt ccagaggccc ttattagtcc ttgttgacag aaacatagat ttggcaactc 60
 ctttacatca tacttggaaca tatcaagcat tgggtgcacga tgtactggat ttccatttaa 120
 acaggggttaa tttggaagaa tcttcaggag tggaaaactc tccag 165

<210> 475
 <211> 417
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 475
 aagttctctt cttgttttaa acacattcct gataacttct aaagatgacc aaaataaaaac 60
 agaatatcta cagagatcat tttctgaatt ttttgtacat ccaaggataa caacataaaa 120
 aaaataaaaac tggacagcat tccacatcca agtgcacaga accatttttg caagattaaa 180
 taatgtaaac attgggaaca gccaaatcag cgaagaatgc caacacctca aaacacctgg 240
 tgttgccgct tcattaagtgt gttcaaaatc cagatctata attgcgcaat attcaccgta 300
 tataaaaaga aatggatatt aattttgaca aatagctgca actgagactt ctttttattt 360
 ctttatatgn gnatatagtg aatttttatt atttttataa ttttatttat tttttta 417

<210> 476
 <211> 321

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<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 476

catttaataa	caaaaacaac	ctgtacggaa	aaccnaagg	caaccacata	gcatatgtaa	60
aatgtgcaaa	tacactttta	aatgcangtt	attctatagc	anttgaaga	tagaatttca	120
ctgtaattag	ggaatctagc	tcataccta	ttaatagnct	tttgcagtn	tagacaatgc	180
aattctacaa	ggnacnactc	agcgttgatg	ctaaagtatg	aaacacatcc	tcagattatt	240
catccgaaaa	tattaaaata	gcntcatggt	ttattattct	ttaatgagtc	ntgagctcat	300
ttctaaagct	tcataaagca	t				321

<210> 477
<211> 546
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 477

gctgtgggta	tattgtaaat	gaagcatcta	acatgtgcac	aacttgcaac	aaaaactcct	60
tggactttta	atctgtcttt	ctcagtttcc	atgtgctgat	tgatctgact	gatcacacag	120
gcacccttca	ttcctgtagt	ctcacaggaa	gtgttgctga	ggagactttg	ggctgcacgg	180
tacatgagtt	tcttgcaatg	acaaatgaac	agaaaacagc	attaaagtgg	caattcctct	240
tggaagaag	caaaatttat	ttaaaattcg	ttctatcaca	cagagcaagg	agtggattga	300
aaattagtg	actctcgtgc	aagcttgcag	atcctactga	ggcaagcaga	aacttgtctg	360
gacaaagaca	tgtttaaata	ggtctatcat	tttgaactct	ggaaaagtat	aagagtttta	420
actcccttta	aaatggaata	ttaatttgaa	aattatgggg	aaaattgcat	tttgtttaca	480
tgtgggtgaac	atgtttctag	aaattgggtat	ggcgggaagg	gggctgggtg	agtctgaagg	540
acctcn						546

<210> 478
<211> 100
<212> DNA
<213> Homo sapien

<400> 478

aagaaaagtg	gtaaaatcaa	gtcttcttac	aagagggagt	gtataaacct	tggttgatgat	60
gttgactttg	atcttgctgg	acctgcaatc	catggttcag			100

<210> 479
<211> 508
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature

054966.050701

<222> (1)...(508)

<223> n = A,T,C or G

<400> 479

```
gnnttccaaa ttcttctaac tcttccaaaa gccttctgcc ttagtttttt ttaaattaca      60
ccagtccttt tagtagcttt ttgatgtgat ttttaaccaa cttccccttc tagcttcaag      120
tattcttcta aattggctct ggtctacgta aacaccctca tcttctcaag ctttaccttc      180
taacttctgc accaccagaa attaaattga tgggctttta aaataaattg gttaccaata      240
atttcctcat tttttcagtg ctattttatc caatttttgg ctttatattt ttctatcttc      300
tatacttctc caatacttgt cttagcttgt ttttcatttt ctatctgaaa ctcttgacaa      360
tatcttctaa tttccctatc ttctctatcc ttttcttcgc cttcccgtac ttctgcttcc      420
agntttccac ttcaaacttc tatcttctcc aaattgttca tcctaccact cccaataatc      480
tttccatttt cgtgtagcac ctggncag                                     508
```

<210> 480

<211> 81

<212> DNA

<213> Homo sapien

<400> 480

```
ggtgcccttt tcctaacact cacaacaaaa ctaactaata ctaacatctc agacgctcag      60
gaaatagata aggaaaatga c                                     81
```

<210> 481

<211> 306

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 481

```
tcgccttcgg ccgccgggca ggtaggggn acaagacgct acttccccta tcatagaaga      60
gcttatcacc tttcatgata acgcctcat agtcatcttc cttatctgct tcctagtcct      120
gtatgccctt ttcctaacac tcacaacaaa actaactaat actaacatct cagacgctca      180
gggaatagaa accgtctgaa ctatcctgcc cgccatcctc ctagtctctc tcgccctccc      240
atccctacgc atcctttaca taacagacga ggtcaacgat ccctccctta ccatcaaadc      300
aattgg                                     306
```

<210> 482

<211> 582

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(582)

<223> n = A,T,C or G

<400> 482

```
ggggggaaca gtcattatac attatttaga ctcatctctt cttccagtgc cttatgatt      60
atttcctacc tttaccattg atcttaaact gngcaggcta aaaagaggaa ccagaactcc      120
```

094966 05031

ctttaagcact tttaagacta tttaaaaaat aaagntttgt tggcattgaa gagtaagctg 180
 ctttaagggac tgaatgaaaa gatagtaccc tttgtggctg tatgaagaga gaaactgaat 240
 ttctatccaa gagaccttaa tntagcctat tagggaatta tcttcccaa aagtacaagt 300
 aattttgcac tgcaggagaa ggataagtag atttgattta catcacattt tatacacacc 360
 tttcaagang gagaaatctg cttcataaat agnaggaatc tatgcttaaa ctnaacattt 420
 aatggtgaacn tcttacaaca gccttgaaaa nnattggaan tcngacntga nggnggaaac 480
 tggaanaaag aatatctttc tcttctgcat cctttnatcc tcaaacttag catggattca 540
 cacgctgagg aaangttngg tnacnaccng aacatttaga ta 582

<210> 483
 <211> 275
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 483
 gcctcactaa aataacagat ttcagtatag ccaagttcat cagaaagacc caaatggaat 60
 gatttataaaa atagaacact ttaaaccagg tcagtcctat cttttttagtag ctgaaggcta 120
 tcagtcataa cacaatttcg cgtaacacctc tgctcattat ggaattacac ttaaaacgaa 180
 tctcaagagg gtgaccattg ttgtttcaga taccatccct aaggagagtg gttaacagga 240
 agattgccag ngttactgat ggaaagaagc gcttg 275

<210> 484
 <211> 434
 <212> DNA
 <213> Homo sapien

<400> 484
 catattttcca caggccaatt tctttctggt tttctgctaa gctatttcag catttttagct 60
 tttcctcttt gctttgttta ctcatgattg ccagatggct acgttacctc taagcatcag 120
 atcctcaciaa attaatgggt aaatgtaagg gagggatttt actctcttgc attaaaaaaa 180
 agctttattg agatataatt tactgtaaca ttgactcatt taaagtatgc tagtcaatag 240
 accaaatctt gaataaactc ccattcacaa ttgctacaaa gggaataaaa tagctgggaa 300
 tatagctaac aagggaagtg aagggcctct tcaaggagaa ctacaaacca ctgctcaaga 360
 aataagagag gatacaaaca aatggaaaaa cattccatgc tcatgaatag gaagaatcaa 420
 tatcgtgaaa atgg 434

<210> 485
 <211> 291
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 485
 ncaccactgc agccctacat acagttgaaa aaaaattcca ttctgttaac atttgtttta 60
 taagttttca cgcaatacac aaaaaacccc tctgcacttc ttgtaaagaa caaaaaagat 120

0949526.050301

acacaacagt taagcgtaaa gatcacaggc aatagcattc aaacatggat gtgggtagag 180
 aaaggagtac ctggcatgag tacctgctta gtttgactga atccttgatt ttttaatttg 240
 cttttcatgg gccgctcaca acaccaacgc tgtgtgaggt atggtagtca g 291

<210> 486
 <211> 274
 <212> DNA
 <213> Homo sapien

<400> 486
 ctgtaatatt gtagttgctc cagaatgtca agggcagctt acggagatgt cactggagca 60
 gcacgctcag agacagtga ctagcatttg aatacacaag tccaagtcta ctgtgttgct 120
 aggggtgcag aaccggtttc tttgtatgag agagggtcaaa ggggttggtt cctgggagaa 180
 attagttttg cattaaagta ggagtagtgc atgttttctt ctgttatccc cctgattgtt 240
 ctgtaactag ttgctctcat ttttaatttca ctgg 274

<210> 487
 <211> 184
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 487
 tggcaccaag attctcagct cacggtacca gcatctgatt gtcggactac ctgctgcttt 60
 ccctgatatt tatacatgat attcgnaaaa tgtaaagaag ctattattca tacagacatc 120
 tagagaagga gngaagnttt taaaaaaata aaaaaatact tatttcaagc ttagctgtg 180
 ttct 184

<210> 488
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 488
 ctgcattttt attgcatct gcagatgaac tggaaaatct cattttacaa cagaactggg 60
 acagacgacc accatattca ctgaggtcta aatttgcagt ttccactaat gacattttga 120
 tttccaaca gagatacttc tggcttact gcacagtctt ttaagagaaa tacttccatt 180
 atgccacatt gtccttgatc cgtaagtgat gtgttaaggt gcttcaaagg aactctgacc 240
 tctgaagtac ttgagctact ttagtatgtc cagcctattg ctttttggtt tagtgtgtca 300
 ccataaatat caggggcata aaaggctatc tattcttaat tcaaggataa aacagaagaa 360
 gcttggtgta taaaacaata gttcaagatc cag 393

<210> 489
 <211> 607
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(607)

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<223> n = A,T,C or G

<400> 489

gtgcttatgt	acttaagggg	aactactcta	actgggtgaa	gagtangatg	aagcatccat	60
gtccctacaa	aggatatgaa	ctcatccttt	tttatggctg	catagtattc	catgggtgat	120
atatgccaca	ttttcttaat	ccagttctatc	atcgatggat	atgtgggttg	gttccaagtc	180
tttgctattg	tgaatagtgt	cgcaatgaac	atacatgtgc	atgtgtcttt	atagcagcat	240
gatttataat	cctttgggta	tatacccagn	aatgggatag	ctgggtcaaa	tgggtatttct	300
agttctagat	ccttggtgaa	ttgccacact	gtcttcacac	atgggtgaac	tagtttacag	360
tcccaccaac	agtgtaaaag	tggtcctatt	tctccacatc	atctccagca	cctggtgggt	420
cctgactttt	taatgattgn	cattccaact	gggtgtgagat	ggtatatcac	cgtgggtttg	480
atgtgcattt	ccctgatggc	cagtgatgat	gaacnttttt	tcatgtgggt	tttggctgca	540
taaatggcct	gccttttnta	cttctataaa	atttttcann	tcttattatt	attcctgggg	600
gnttaag						607

<210> 490

<211> 179

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 490

cttctaggaa	tactagtata	tcgctcacac	ctcatatcct	ccctactatg	cctagaagga	60
ataatactat	cactgntcat	tatagctact	cccataaccc	tnaacaccca	ctccctctta	120
gccaatattg	ngcctattgc	catactagtc	tttgccgcct	gcgaagcanc	ggtaggacc	179

<210> 491

<211> 399

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(399)

<223> n = A,T,C or G

<400> 491

cctctacctg	taatcacatt	aatttttcta	aagacagggg	nggtgttttg	aagataaatg	60
tcattagtct	atgataatag	catcatagga	caattagcca	tttttagactt	gaccatattt	120
tctcttttta	gcatatagcc	atcttgatat	ttaggnggga	gactactcca	atggagcaac	180
agtttcattt	tacatgattg	gatttagaaa	tttaciaaatt	ttaaactcat	aagaattcta	240
aataatttga	aaatggaaac	atttgaccca	cagtctagca	gcataaatac	atttataaaa	300
tacttcattg	ttgatcttag	gtcattgatt	taaaacagaa	tttggtgact	atgggcaggt	360
ggagggggcc	ngtgaggaag	gtataaaaga	gaaatcttt			399

<210> 492

<211> 482

<212> DNA

<213> Homo sapien

050301 050301 050301

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 492
 ctccacctta ctaccagaca gccttagcca aaccatttnc ccaaataaag tataggogat 60
 agaaattgaa acctggcgca atagatatag taccgcaagg gaaagatgaa aaattataac 120
 caagcataat atagcaagga ctaacccta taccttctgc ataatgaatt aactagaaat 180
 aactttgcaa ggggagccaa agctaagacc cccgaaacca gacgagctac ctaagaacag 240
 ctaaaagagc acaccctgtct atgtagcaaa atagtgggaa gatttatagg tagaggcgac 300
 aaacctaccg agcctggtga tagctggttg tccaagatag aatcttagtt caactttaaa 360
 tttgcccaaca gaacctcta aatccccttg taaatttaac tgtagtcca aagaggaaca 420
 gctctttgga cactaggaaa aaaccttgta gagagagtaa aaaatttaac acccatagta 480
 gg 482

<210> 493
 <211> 207
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 493
 cataaatatt atactagcat ttaccatctc acttngngga atgctagtat atcgctcaca 60
 cctcatatcc tcctactat gcctagaagg aataatacta tcactgttca ttatagctac 120
 tctcataacc ctcaacaccc actccctctt agccaatatt gtgcctattg ccatactagt 180
 ctttgccgcc tgcgaagcag cggtagg 207

<210> 494
 <211> 283
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 494
 ccaattgatt tgatggtaag ggagggatcg ttgacctngt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
 gcatacagga ctaggaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
 ataagctctt ctatgatagg ggaagtagcg tctttagac cta 283

<210> 495
 <211> 590
 <212> DNA
 <213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 495
 tatgtatata attttcttag ttactagcat agagaaatta ctgattttaa aaaacatttc 60
 aaattctagc atgttgtagg attctattgc cctttctaaa aagtacatct tgcttatccg 120
 atttctaaca aaactattta atttgaagaa gggagaatga atttggataa aaagcaaaaa 180
 tttaaaggta ctcaaattta ggcaaaccat taaagcaatc ttagtttaca gttaattggg 240
 tagaatggtc aacactttct tcaggttagt tcatggagtg gatatgcatt gatagaacaa 300
 cttagagatg cttttacagt tgagaaagct cattatattt gttatcttta agaatcagct 360
 tatttatttc atatgtttgt tctttaagaa gaccaaagag ccctgcaaat gaatgttgat 420
 ttgttttttt gtttgtttaa tatttttgta gagataagat ctcaactttgt tatgttgccc 480
 aggctgggtc caaactctca acttgaagtg atctgccac ctcagcctcc caaagtggg 540
 ggattacagg catgagccac cgcacctgga cctgcccggg cggnccgctcg 590

<210> 496
 <211> 307
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 496
 ggagattagt atagagaggn anacnttttt tcgngatatt tggtcacatg gataagtggc 60
 gctggccttc catgattgtg aggggtagga gccaggtagt tagtattagg aggggggnng 120
 ttagggggtc tgaggagaag gttggggaac agctnaatag gttgttngnt gatttggnta 180
 aaaaacanta ggggatgat nctaataatt antgctgtgg gtggttgtgn tgattcaa 240
 tatngccttt ttcggagann catgtcangt ggtagtaaat ataattgttg ggaccattan 300
 ttcttan 307

<210> 497
 <211> 216
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 497
 cattttcctc ttggtttctt cagttaagtc aaanngncac gttcctcttt ccccatatat 60
 tcatatatat ttgctcgtaa gtgtatttct tgagctgttt tcatgttggt tatttctgt 120
 ctnggaaatg gtgttttttt ttgttgtgn tggttttttt tttttttttt aaactnggna 180
 ccncnaantt gaaaaaatgn ttntttttcc ctnaca 216

<210> 498
 <211> 375
 <212> DNA

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<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(375)

<223> n = A,T,C or G

<400> 498

gaatttcctg	gcaccttttc	tcgctagaga	agattnnngtg	tgactggggtt	gcctataagc	60
catatagata	caaactttta	tctctaatac	caagtcttag	agggatatat	taatagatct	120
aataaaattta	ttcttagact	tattgtttca	tgggntagtg	agtctttgct	actggagaca	180
atacagactt	gtcagttttt	ttaaaaaaaa	aaaatttgcc	aagctancac	attaaaaana	240
tntcctaagg	ctntcatttt	atgaggatga	ttataaacnt	ttntgngata	aatatcacca	300
taataaactg	ttaagtacaa	ctgcnggccn	cccttanagn	gaattcctnc	agttanaaat	360
ttatTTTTTT	gccaa					375

<210> 499

<211> 215

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 499

ccacnaaagc	agaagcttaa	agcatagtag	taaagagggn	aaaaagaagg	acgaaaataa	60
atcagatgac	aaggatggta	aagaagttga	cagtagtcat	gaaaaggcca	gaggtaatag	120
ttcactcatg	gaaaagaaat	taagtagaag	gttggtcgaa	aatcggagag	gaagcttgct	180
acaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	gtttt			215

<210> 500

<211> 489

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(489)

<223> n = A,T,C or G

<400> 500

ccactacgat	aagcaggtag	ctgggttttg	tagtgagntt	gctccttaag	ttacaggaac	60
tctccttata	atagacactt	catttttcta	gtccatccct	catgaaaaat	gactgaccac	120
tgctgggcag	caggagggat	gatgaccaac	taattcccaa	accccagtct	cattgggtacc	180
agccttgggg	aaccacctac	acttgagcca	caattgggtt	tgaagtgcac	ttacaaggnt	240
tgtctacttt	cagttcttta	ctttttacat	gctgacacat	acatacactg	cctaaataga	300
tctctttcag	aaacaatcct	cagataacgc	atagcaaaat	ggagatggag	acatgatttc	360
tcatgcaaca	gctttctctaa	ttatacctta	gaaatgttct	cctttttatc	atcaaactcg	420
ctcaagaagg	gctttttata	gtagaataat	atcagtggat	gaaaacagct	taacatttta	480
ccatgctta						489

<210> 501

050301 92964860

<211> 286
 <212> DNA
 <213> Homo sapien

<400> 501
 aaaaacactc aaacacagcc ttggagggag gagtcagttt taaaagactc ttataaaagt 60
 aatatactgc tagctctgaa gaatcggagg ctaaaatcat ctcttcaagt cccaggggaa 120
 tcccaaagaa ctccagggga aggtgggatg ggccagagag ctctggaagc ttccaggtct 180
 gttgcaagcc tcacctggtg cacagtaggc tcttccaggt ctgtcaggaa cccaggagcc 240
 tcccctagca cacagtaggc tcacaaaaag ggagcactgc tgctgg 286

<210> 502
 <211> 168
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 502
 cctatgattg tgggggcaat gaatgaagcg aacagagntt cgttcatttt ggttctcaga 60
 gtttggtata attttttatt tttatgggct ttggtgaggg aggtaagtgg tagtttgtgt 120
 ttaatatatt tagttgggtg atgaggaata gtgtaaggag tatggggg 168

<210> 503
 <211> 173
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(173)
 <223> n = A,T,C or G

<400> 503
 cctttataat aaattaggca aaaggttcag tgcnnngcta tantggacaa catgaaactc 60
 cataaaaatg actggatagg gggactgctt gagacttttc ttttgggcat tactaacaga 120
 attcaaagaa attccaacca cgcttatttt tccaaattct actgaaatga gag 173

<210> 504
 <211> 310
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 504
 tagtattcta tttaaaaatt aagttttggg gtctgtaaaa tatacaggac aatgactttt 60
 ttaaaatgta agttaatacc tcctcctcac ttgtcttaat tgaacttagg tgtttattct 120

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taaaggngga ccttgatgaa aatgttgaga tgggaagtgt tattaggcaa aacttgttat 180
 agatttctca tataactctt aattgacct tagaatttta acaaccgcgc ctggcccaat 240
 agactgtttt ttagagtant tttaggctct cancaaaatt gaggggaaaa tacagggtgt 300
 tccccataaa 310

<210> 505
 <211> 530
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 505
 cctcagggaa cttacaatta tggcaaaagg ggaaggggaa gcaagcacct ttttcacaag 60
 gcatcaggag agagagagaa agagagtagg ggaaactacc ccttttaaac catcatatcc 120
 tgtgagaact ccctcagtat tagaagagca tgagggaaac cgcctccata atccaatcac 180
 ctcccaccag gaccatccct caatacatgg gggttacaat tcaagatgag gttcgggtgg 240
 ggatacagat ttaaaccata tcagaatggg taatgatatt gttgtatttt accaactata 300
 atcttcttag tggtatagta caataatgta aaaaattgag taaatttggt ttctatatta 360
 ttctgttttt ggaaaacatg tatatagtca gggctgtttg tctcaagaaa atatggtaaa 420
 ctctgtgtgt ttggtcactg gtgcctagaa tttggggatg tacattgggt ttgattcaca 480
 tgcacatttc cttctagttc acagtaacta tttctaacta tttcccnata 530

<210> 506
 <211> 352
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 506
 cttgaacgct ttcttaattg gtggctgctt ttaggcggta ctatgggtgn taaatttttt 60
 actctctcta caaggttttt tcttagtgct caaagagctg ttctcttttg gactaacagt 120
 taaatttaca aggggattta gaggggtctg tgggcaaatt taaagttgaa ctaanattct 180
 atcttgaca accagctatc accaggctcg gtaggtttgt cgcctctacc tataaatcct 240
 ccactattht tgctacatag acgggtgtgc tcttttagct gttcttaggt agctcgtctg 300
 gtttcggggg tcttagcttt ggctctcctt gcaaanntat ttctagttaa tt 352

<210> 507
 <211> 370
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

TDE050" 92954860

<400> 507

cctaactaga	tcttatcaga	atagggggga	agggngtcgg	ttcatcctta	ttgagtgtta	60
atgaccctgt	aagatgtaat	ttcttttatt	tcattctgtt	acctagaaaa	tctatcacag	120
ccttgtagta	ttgattgctc	aatctataaa	gagctcagtt	tacagcatga	ctgttagtaa	180
cagggntatt	ttaatgagtg	actcttcaac	acctcagagt	ttcactaaat	tccaacccat	240
cagcccagta	gtctaacatt	aagggtctta	ggaaatgaga	acttatcacc	tttccttatt	300
atgaaaaggt	aacctccagg	taaccaaaaa	tagaacttcc	tctgtgttcg	ttttttatag	360
aaattactgg						370

<210> 508

<211> 129

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 508

ctgttaaaaag	aacaaactta	gcaatatata	acagttnggt	aacaggattt	ttgactattc	60
actttgggag	ttatttttta	aaatccactt	ttttactgag	tcttactaca	taccaggcac	120
tgtacttgg						129

<210> 509

<211> 422

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G

<400> 509

ntgggaagtc	gtgacatcca	tggaaccca	gcgctgtgat	gctggtgttt	gngttctccg	60
cgagaagtga	ccattgttgg	agcaccatcc	agagctagt	accantncag	tggaacagta	120
gtgggagaat	caaaaatcct	ttccagaatg	tctgtttctc	actacntgca	ccggnggatt	180
acaggcacca	gtgcagngat	gattgtactt	atttgacaca	tactccccgt	cntcctggnt	240
nttggtcctg	anaanggtgg	gtaaatattc	caggaaaaan	aatgcacatt	gaatggatgt	300
gagagaccac	attgcctctc	ccactgcttt	ggggagcact	ttcctgtcat	ttctaactta	360
ccacntgctt	ggtgtactat	atgtatgttg	tgccatcat	gttgcaaaga	actaangtga	420
gt						422

<210> 510

<211> 238

<212> DNA

<213> Homo sapien

<400> 510

ccacctatga	attggtggtt	tacctactca	atggatagca	gcacgaggac	tgctgtactg	60
cacaaaaaga	agacaaaaag	attacagtgg	accatgggat	acagaagcca	gcatggcaga	120
cagaagaaaa	atagtttggg	aacatgtaac	tatcctaagt	ggaagttttg	ttgtaggaat	180
tatagtaatc	acaccacatt	acttggcctt	tcgtaaatgt	gaaaaaaaaa	aaaaatcc	238

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<210> 511
 <211> 254
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 511
 ccnattgatt tgatggtaag ggagggatcg ttgnggctcg tctgttatgt aaaggatgcg 60
 tacggatggg agggcgatga ggactaggat gatggcgggc aggatagttc agacggtttc 120
 tatttcctga gcgtctgaga tgttagtatt agttagtttt gttgtaagng ttaggaaaag 180
 ggcatacagg actaggaagc acgataagga aaatgactat gagggcgnga tcatgaaagg 240
 tgataagctc ttct 254

<210> 512
 <211> 269
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(269)
 <223> n = A,T,C or G

<400> 512
 cctacctgta aactacagta ctttatatat ctatgggntt aataaaaaana aaatccacaa 60
 atcttaaaaa ggaacttta atgcagggct atattgaatt ggnaaactgc aacacaaact 120
 ggcgcaacat aggtaaatga ataccaatct cactctatgt gatgcaagca tgctactttc 180
 ccactaattt aaattacttt caaccactat gagccagaat gcatgcctga accttaaact 240
 gcactttaaa aagtaacatc ttggcctaa 269

<210> 513
 <211> 266
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 513
 ggaggggggt tgtagggggg tcggaggaga aggntgggga acagctaaat aggttggtgt 60
 tgatttggtt aaaaaatant agggggatga tgctaataat taggctgtgg gtggttggtgt 120
 tgattcaaat tatgtgnttt ttggagagnc atgncantgg tagtaatata attggttgaga 180
 cgattagttt tagcattgga gtaggttttag gttatgnacc gtactctagg ccatatgtgt 240
 tgganattga nactagtagg gctagg 266

<210> 514
 <211> 271

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 514
acatgcaana aatcgagaat cttaaaaaac annacgaanc tgccttgga ncttactgg 60
nntangatat ttatnttgcg gctgagatac ttgaacaact tcggatcnga antagacaan 120
aanggggnant tntatactgc nncagagggt acacagntca ttgtattaga gangaacana 180
tgggtctggg gttcacacat tggggggaan atgggcgtnn acangagagg nnganaaacn 240
anganagcct ncttggttng cataanaaaa a 271

<210> 515
<211> 328
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 515
ccaatgaggg gcaaagtgag cgncnagaag angttttgac tgaaataaat caaacacaaa 60
aatntaagtt cacagtgaca gtttaaaca aatccaaaca aactaacaac anaaacaccc 120
cttgntttgc ctctagtggg aggtgggana acacaanctc gtcctaaaaa ttgactagta 180
aaggggaaaa cccggtcatt tncctactct ttccangaaa tatctaatagc aagaaagaac 240
ttctnctcat tatacngaag gaatttngaa aaatgatgta tttttggaac acctaantga 300
aatactggaa cctgggcaag ttcaccac 328

<210> 516
<211> 220
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 516
ncctnagttg aaggacccca tgtacatata ggccagggga gcagtactag gntaactaga 60
aggatctcat ccccatatgt ggggtcattt caagtctatg gatgactacc ttcattgntg 120
tgtgcgagat ggtttcaccc cttgaaaata tgggcacttc ancataaanat agcnaaatct 180
ttataatgat caatncatcc tacctccttt tacatgcatg 220

<210> 517
<211> 296
<212> DNA
<213> Homo sapien

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<400> 517
 tgcgatttct tccttgttgt ttgctttggt ctgtgttcaa tccagagagc ttaaattgtc 60
 attattttgg gaagaaaacc tgtatttttg ttagtttaca atattatgaa atttcacttc 120
 aggagaaact gctgggcttc ctgtggcttt gttttcttag tttctttttc cgtgccgtgt 180
 attttttaat tgatttttct tcttttactt gaaaagaaag tgttttattt tcaaatctgg 240
 tccatattta cattctagtt cagagccaag ccttaaaactg tacagaattt ccactg 296

<210> 518
 <211> 299
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 518
 gaagatagaa aaatataaag ccaaaaattg gataanatag cactgaaaaa atgaggaaat 60
 tatttgtaac caatttatct taaaagcccg tcaatttaaat ttctgggtgg gcagaagtta 120
 gaaggtaaa cttgagaaga tgagggtggt tacgtagacc agaaccaatt tagaagaata 180
 cttgaagcta gaaggggaag ttggttaaaa atcacatcaa aaagctacta aaaggactgg 240
 tgtaatttaa aaaaaactaa ggcagaaggc ttttggaaga gttagaagaa tttggaagg 296

<210> 519
 <211> 464
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 519
 gctgcacatc ggaggaaaac tcggttaaagc agaatgaggt tgatatgttg aatgtatttg 60
 attttgaaaa ggctgggaat tcagaaccaa atgaattaaa aaatgaaagt gaagtaacaa 120
 ttcagcagga acgtcaacaa taccaaaagg ctttgatat gttattgtcg gcaccaaagg 180
 atgagaacga gatattccct tcaccaactg aatttttcat gcctatttat aaatcaaagc 240
 attcagaagg gggtataatt caacaggtga atgatgaaac aaatcttgaa acttcaactt 300
 tggatgaaaa tcatccaggt atttcataca gtttaacaga tcgggaaact tctgtgaatg 360
 tcattgaagg tgatagtgac cctgaaaagg ttgagatttc aaatggatta tgtggtctta 420
 acacatcacc ctcccaatct gttcagttct ccagngtcaa aggc 464

<210> 520
 <211> 221
 <212> DNA
 <213> Homo sapien

<400> 520
 ctgatatcta cttatttaac acaagtctct aatacaatac aattttatta attttattcc 60
 acatgcccc ctagatctct ctgactcat tcctcctaca tacctacttt gtatcctttg 120
 acctacatct cctacttcc tcctccagtc cccaccccc acccaactgg gctaaccact 180
 gtttcattcc ctttttcatt ctacatatgt gagatcatgc t 221

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<210> 521
 <211> 312
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 521
 ctgatagctt tctcttcgcc tagattaata tcttctnnct tcccattcac agccccacc 60
 gacatcaaag ctttgctggt ttatctgtca aaaatgtctt cacacttttc attcttaaatt 120
 aaaagtgtg agtaaggaca ttttcacaac aaatttttat ttacaaaaac ttacaatgat 180
 ttgaatccaa aacaactttc attatttaac tgtaaagtaa atatataatt tattaggngt 240
 gtcttagttc attttgtgct gctttaacag tgtatccttg tgatagttgt ggggtggggg 300
 aggggggaag ga 312

<210> 522
 <211> 336
 <212> DNA
 <213> Homo sapien

<400> 522
 ccttctttcc ccaactcaatt ctctctgcc tgttattaat taagatatct tcagcttgta 60
 gtcagaccca atcagaatca cagaaaaatc ctgcctaagg caaagaaata taagacaaga 120
 ctatgataac aatgaatgtg ggttaagtaa tagatttcca gctaaattgg tctaaaaaag 180
 aatattaagt gtggacagac ctattttcaa ggagcttaat tgatctcact tgttttagtt 240
 ctgatccagg gagatcacc ctotaattat ttctgaactt ggtaataaaa agtttataag 300
 atttttatga agcagccact gtatgatatt tttaag 336

<210> 523
 <211> 172
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 523
 ngacnggenc ntggctatgt ntatagatag ggctttaacc actatctgng aagcangagn 60
 gacannattc ttgctctcac atnccacngg anacgtattt ctcttctctt acnagcgaag 120
 aaccatctnt ttctaaagcc cccattctat tgcccttgct tttctctggc tt 172

<210> 524
 <211> 471
 <212> DNA
 <213> Homo sapien

<400> 524
 ccagacctgc agaaaaactt agcacagctc aatctgctgt tttgatggot acagggttta 60

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tttgggtcaag atactcactt gtaactattc caaaaaattg gagtctgttt gctgttaatt 120
tctttgtggg ggcagcagga gcctctcagc tttttcgtat ttggagatat aaccaagaac 180
taaaagctaa agcacacaaa taaaagagtt cctgatcacc tgaacaatct agatgtggac 240
aaaaccattg ggacctagtt tattatttgg ttattgataa agcaaagcta actgtgtggt 300
tagaaggcac tgtaactggg agctagttct tgattcaata agaaaaatgc agcaaacttt 360
taataacagt ctctctacat gacttaagga acttatctat ggatattagt aacatttttc 420
taccatttgt ccgtaataaa ccatacttgc tcaaaaaaaaa aaaaaacctt c 471

```

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<210> 525
<211> 332
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

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<400> 525
ccccnctgta ttccagcctg ggtgacccca tctcanggaa gaaaagttac cagatgtcgn 60
gggtaaaggt tggctcttcaa gtggcctcat aagttgtctt gcattttaaat tcagggaatt 120
cattggacca ataggttaca ttttcgttcc tttttgtttt tggttcatct gttaagcagt 180
gggggcctaa ttactgctcc tttgtaaaaa cacattttcc caaagaacac tgaattaccg 240
ttcaaactgg ttgttgatgg gtaataaggg ctgtttttgc tgccccaataa gggcttaaca 300
atthagcgcg atagtttact taaaaaaaaa aa 332

```

```

<210> 526
<211> 440
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

```

```

<400> 526
ccagggttacc tcccctaaca gatgtggtgt tctgangggg tggttaagtg cccgaggaaa 60
ataggcctta actgttaaca tctacagaga agaaagcatg gtcacactgg caaggagtaa 120
gaagggattg ggtaaaagaa aatgggagag aaaagggaaa aaagtttttg caagacaatt 180
gttccctgct aagaagctgc aggggtgaaag ctttcctttc ttctattttt gtttttaatg 240
nctgtctctc tgatcagngg aaaagtgaag atttctagta tctagcacta acgtatgacc 300
caactttgag ggatcacaag ctagaacaag ttgaggattt aaaatcctgg ataattatat 360
acttaaagtt catgagcata aagctcactt gaccatgcag aaatgctggg aagcagggtg 420
catggcatgg gaatacatct
440

```

```

<210> 527
<211> 124
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(124)

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<223> n = A,T,C or G

<400> 527

```
tttccatattg tctgttgggt gcataaatgn cttcttctga gaagtgtctg ttcctatcct    60
ttgccccctt tttgaggact taaatgttag acctaagacc ataaaaaacc tagaagaaaa    120
ccta                                         124
```

<210> 528

<211> 162

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 528

```
ctgcgggaga aatatgggga caagatgttg cgcangcaga aaggtgaccc acaagtctat    60
gaagaacttt tcagttactc ctgccccaaag ttctgtgcgc ctgtagtgcc caactatgat    120
aatgtgcacc ccaactacca caaagagccc ttctgtcagc ag                         162
```

<210> 529

<211> 409

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 529

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ccttttaaaat atagcttata aaatgtatac tatnngccag gagagctcac atttttctgc    60
agttttccag tggacctgcc tatggaatac tgtaaagaaa aatctgcaaa aatattccta    120
gcaattgaat cagtgtcttt aaataaaaga agtggagagg ggcttggtta aattattctg    180
acaagttttc ttgctagtgg ttgccccaaat taaggatatt tgaagtgtcc tatcacccaa    240
atttggtctt aagaaaaagc tatattctgn gtctataggg tgaagccac actatctgtg    300
ctgcattctc aatgatacaa tacctatctg gaaactttcc tgttttgcca atgggtgcac    360
aaatctaaaa cattttatca caaaagggtac ttgaatttaa atttctttt                409
```

<210> 530

<211> 325

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(325)

<223> n = A,T,C or G

<400> 530

```
ccgccagtgt gatggatatt tgcagaattc gccctttcna gatttgngcc cgggcaggtc    60
catggctagg attatagata gttgggtggt tggggnaaat gaggtaggca ggagtccgag    120
```

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gaggttagtt gtggcaataa aaatgattaa ggatactagt ataagagatc aggttcgtcc 180
 tttagtgttg tgtatggcta tcatttgttt tgaggttagt ttgattagtc attgttgggt 240
 ggtaattagt cggntgttga tganatattt ggagggtggg atcaatagag ggggaaatag 300
 aatgatcagt actgcggcgg gtagg 325

<210> 531
 <211> 173
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(173)
 <223> n = A,T,C or G

<400> 531
 ccaattgatt tgatggtaag ggagggatcg ttgaccncgt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt tag 173

<210> 532
 <211> 395
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 532
 caggtcctac tatgggtggt aaatttttta ctctctctac ngggtttttt cctagtgtcc 60
 aaagagctgt tcctcttttg actaacagtt aaatttaciaa ggggatttag agggttctgt 120
 gggcaaattt aaagtgaac taagattcta tcttgacaa ccagctatca ccaggctcgg 180
 taggtttgtc gcctctacct ataaatcttc ccactatttt gctacataga cgggtgtgct 240
 ctttagctg ttcttaggta gctcgtctgg ttctgggggt cttagctttg gctctccttg 300
 caaagttatt tctagttaat tcattatgca naaggtatag gggntagtc ttgctatatt 360
 atgcttggtt ataatttttc atctttccct tgcgg 395

<210> 533
 <211> 290
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 533
 ctgaaccatt atgggataaa ctggtgcaaa ttctttgcct tctctacttc tcaactgattg 60
 aacataagct tcagggtct cctgaaaac caaatgaaa acaatgtcaa aatattagat 120
 aatcacata aaacagttta ggggatacca atatataaaa attattaggt aagctcattt 180
 ctggaactgt taatgctcgg tttcacaatc caagnngacc aacagccttc actcagntac 240

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tggnagtgnt actatgggtta ctacngntac tacctttagt gtnaaaaact

290

<210> 534
 <211> 334
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

<400> 534
 ccgccagtgt gatggatatt tgcagaattc gcccttagcg agnnagccgg gcaggtccat 60
 ggctagggtt atagatagtt gggtaggttg tggggnatga gtgaggcagg agtccgagga 120
 gggtantttg tggcaataaa aatgattaag gatactagta taagagatca gggtcgtcct 180
 ttagtggtgc gtatggctat catttggttt gagggtagnt tgattagnca ttgttgggng 240
 gtaattantc ggctggtgat ganatatatt gaggtgggga tcaatanagg gggaaatana 300
 atgatcagtn ctgcggcngg tnnacactcn gccc 334

<210> 535
 <211> 557
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 535
 nccataagct tcagtcgcga aaagggtcaag gccagtgtta atttgttatt tcttaaataa 60
 ctttcccttt catttttaaa ttataaattt aacttctaac atgttttatg gttaaaattg 120
 tacttttttc ctttagcgac attcaaatgc atcacaatca ctttgtgaaa ttgttcgcct 180
 gagcagagac cagatgttac aaattcagaa cagtacagag cccgaccccc tgcttgccac 240
 tctagaaaag tatgtgtaaa actctgttct tgttcttctt tcatattgat gctgttccat 300
 gtgttaccat tgtgagtggg ttgtaagtgt tccttatgtg ggaatcatgt gccttgaaaa 360
 taaccttggg tgggtgagaa ggtagggaaa cctgcttctt ttatctcaag taaaagtgtt 420
 ggcagggtaa agaagataaa tgacatttat atctagactt ttgagttttc caattatttg 480
 gtaaaaatgg gaaattctgt agaagccctt ccttaaaaat gggggaagtc catttnanaa 540
 aattaactgg taggtca 557

<210> 536
 <211> 372
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 536
 gttccaacct tcatttctga aactgttcta gagcacngtg tctttctcgt agttcataac 60

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```

ttaccccttc agtctagaat tagaattaca ttatctgttt tactacttta ctagactgta 120
agctcctaga agataaggac tagggagttc atctctgtat tccaccagaa ggtacagtga 180
ctcatatcta gagtcttttag atgaaactta ctgagttgaa taacttaata tatttctgtt 240
ttcattccca agggaggcca tgtctggaga tagaccttga atttaataaa ttttaggcac 300
tataccattt cagtggagaa aattgttggg aaatttgggg ggatggatat ataaggggga 360
ggaagtcact gg 372

```

```

<210> 537
<211> 284
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

```

```

<400> 537
ccttctgatg caaacagaaa ggaaatgttg tttggangcc ttgctagacc tggacatcct 60
atgggaaaaa ttttttgggg aaatgctgag acgctcaagc atgagccaag aaagaataat 120
attgatacac atgctagatt gagagaattc tggatgcgtt actactcttc tcattacatg 180
actttagtgg ttcaatccaa agaaacactg gatacttttg aaaagtgggt gactgaaatc 240
ttctctcaga taccaaaciaa tgggttacct agaccaaact ttgg 284

```

```

<210> 538
<211> 293
<212> DNA
<213> Homo sapien

```

```

<400> 538
gtacatagta ggtgtatata tttatgggct atataagatg ttttgatata ggcatgtaat 60
gtgaaacaag cacatcaaca agaatggggg atccatcccc taaaacattt gtcctttggg 120
ctacatgtca tttcctaagc taaagaaaaa ggacagacag aaccaacatt gatttgactg 180
ggtgaaaaag tccatttgag ttggggagcag gggttgtgtt cctggatttg ggttgtagg 240
acagtgtaaa aaggcttcac aggggaacat tcttttctga taaaggaaaag cag 293

```

```

<210> 539
<211> 468
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

```

```

<400> 539
tttcnataaa cttttatttt agagcagttt taagnnggta gcaaaattga ttagaaggna 60
cagagatgtc ccatacacct cctactccca cacatgcaca gccttcccca ttatcaatag 120
cccccaacag agggatacat ttgttaacaa ctgacgaacc tacatatcat tatcacccaa 180
agtccacagt ttatattatt ccttctggag aattttcaaa tacagaaatt cctctaccag 240
gaataaacta ncaatttcct ctcggttttc tataaattta attattattt cagaaattag 300
cctatcttta caggagaaaa tggtataaac catgaaaaga ctatcaaata cacaaggaag 360
tgaatgntat ataaaaaatg taccatctcc taaacaacta cctgcattcc cttcttgttg 420

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gtaagttata atttgnnata gttctgatca tctgtttaat taatttgc

468

<210> 540
 <211> 397
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(397)
 <223> n = A,T,C or G

<400> 540
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 tcagagtcca cggctctttc aaaattttaga taaactggct tacattttgt aatgatgtcc 120
 ccagacaaca cccactcca acccattctg tttgttacta ttagtttaca acatgcatgt 180
 gcctttactt tcattttcat agtattttaa aatggaaggc cactcccaa tttactttaa 240
 cccctttaat aatctctctc ctctgctct ctctggctct ccagacaact gttgatttac 300
 tttcctttat gatggattag tttgcatttt ctagaatttt atatgactga catataaagn 360
 ttttatgttt ctcccctttg ggtttcttca tgtggca 397

<210> 541
 <211> 248
 <212> DNA
 <213> Homo sapien

<400> 541
 cctagatagg ggattgtgcg gtgtgtgatg ctagggtaga atccgagtat gttggagaaa 60
 taaaatgtgc atagtggggg ttttatttta agtttggttg ttaggtagtt gaggtctagg 120
 gctgttagaa gtcctaggaa agtgacagcg agggctgtga gttttagggt gagggggatt 180
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 cttccggc 248

<210> 542
 <211> 366
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 542
 aatcggccct ctatgatcat gctcgagcgg ccgccagtgt gatggatatc tgcagaattc 60
 gcccttgagc gatanccgg gcagggtccaa ttgatttgat ggtaaggag ggatcggtga 120
 ccnctctgt tatgtaaagg atgcgtaggg atgggagggc gatgaggact aggatgatgg 180
 cgggcaggat agttcagacg gtttctatct cctgagcgtc tgagatgtta gtattagtta 240
 gttttgttgt gagtgttagg aaaaggcat acaggactag gaagcagata aggaaaatga 300
 ctatgagggc gtgatcatga aagggtgata gctcttctat gataggggaa gtagcgtctt 360
 gtanac 366

<210> 543
 <211> 460

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<212> DNA
<213> Homo sapien

<400> 543

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttggactaa	cagttaaatt	tacaagggga	tttagagggg	tctgtgggca	120
aatttaaagt	tgaactaaga	ttctatcttg	ggcaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgccctc	tacctataaa	tcttcccact	attttgctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctggtttcg	ggggtcttag	ctttggctct	ccttgcaaag	300
ttatttctag	ttaattcatt	atgcagaagg	tataggggtt	agtccttgct	atattatgct	360
tggttataat	ttttcatctt	tcccttgcg	tactatatct	attgcgccag	gtttcaattt	420
ctatcgcccta	tactttattt	gggtaaatgg	tttggctaag			460

<210> 544
<211> 116
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 544

ccgccagtgt	gatggatatt	tgcagaattc	gccctttgga	gngctngcgc	ccgggcaggt	60
ctgtttcagc	agtcctcct	tcttcttccc	gcgangatct	cgagccttga	tcttgg	116

<210> 545
<211> 380
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 545

cgacggatcg	atnagctnga	tatogaattc	ggacgagcat	ggcgtattgc	tgcagatatg	60
gattcttcag	aatgctccat	gacaaatgta	ctgacgggaa	gncnatctaa	aggaggcatt	120
gtnatgagag	aaaggtctcg	agctccagat	aaagagagat	acagagttct	tggaattgga	180
gttgacagaaa	cagtaagaca	atcgattgtg	gggaagcgtt	cttttagaga	atctttggcc	240
ttcactccaa	agcgttggtc	ttcatcaata	ataagtagct	cgtgccgaat	tcctgcagcc	300
cgggggatcc	actagttcta	gagcgggcgc	caccgcggag	gagctccagc	ttttgttccc	360
tttagtgagg	gttaatttcg					380

<210> 546
<211> 418
<212> DNA
<213> Homo sapien

<400> 546

ccaggggcaat	taggcaggag	aaggaaataa	agggtattca	attaggaaaa	gaggaagtca	60
aattgtccct	gtttgcggat	gacatgattg	tatatctaga	aaacccatt	gtctcagccc	120

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<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 550
 cctaccgcgc gcagnactga tcattctatt tccccctcta ttgatcccca cctccaaata 60
 tctcatcaac aaccgactaa ttaccaccca acactcacaa caaaactaac taatactaac 120
 atctcagacg ctcaggaaat agaaaccgct tgaactatcc tgcccgccat catcctagtc 180
 ctcatcgccc tcccatccct acgcctcctt tacataacag acgagggtcaa cgat 234

<210> 551
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 551
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 tcaatcatca actctattga ttctgtctgc taaatataatn tcaattgtat taacttaaac 180
 atatgcatan ggcactttct tcttcaactgc atttttgtgg gctgcactta cttttcaggt 240
 aacgacaaca ctggcccttc ttgcccttct agtcagaagt gccaaaatga tgagagctag 300
 ccatgacaaa cccacagcca acattacact gaatgtgcaa aactggaagg gcatccaaac 360
 agaggagggg agagagggaat agacaggaag tcaaactgtc tctgtttaca gatgacatgt 420
 ttctatatct ataaagcccc atagtcttgg ccccaaagct tcttctgctg ataaacttta 480
 gcaaagtctt agcatacaaa atcaatgtgc aaaaattact aacagtccta tacatcaagt 540
 ca 542

<210> 552
 <211> 411
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 552
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 gggaaggctt gatgcaaagg gtctactgca ggcattagct gagcttattt aaagatcaga 120
 atgaaggcca ttgtggctag aacagagtgg acaggaagga atgggtaccag gcaaagctga 180
 agaagtggc aggattgagc tctcataant catggcaaag agttccatt tcattgtttg 240
 acggaaataa attggaaggc cttaagtagg agaagatttg attagattta cattttacga 300
 agaagcactc tggatgttat gtgaagaaat ggcctttgca gggcaagggt ggaaacaaag 360
 agatcagtta ggaaattatt ggagtagctg aggattggat gaggggatgt g 411

<210> 553
 <211> 631

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<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 553

ccgggattag	aactaaaaca	agtgagatca	cccctcta	tattttctgaa	cttggtta	60
aaaagtttat	aagattttta	tgaagcagcc	actgtatgat	attttaagca	aatatgttat	120
ttaaaatatt	gaccttccc	ttggaccacc	ttcatgttag	ttgggtatta	taaataagag	180
atacaacat	gaatatatta	tgtttatata	aatcaatct	gaacacaatt	cataaagatt	240
tctcttttat	accttcctca	ctggccccct	ccacctgccc	atagtcacca	aattctgttt	300
taaatcaatg	acctaagatc	aacaatgaag	tattttataa	atgtatttat	gctgctagac	360
tgtgggtcaa	atgtttccat	tttcaaatta	tttanaattc	ttatgagttt	aaaatttgta	420
aattttctaaa	tcacatcatg	taaaatgaaa	ctgttgctcc	attggagtag	tctccacct	480
aaatatcaag	atggctatat	gctaaaaaga	gaaaatatgg	tcaagtctaa	aatggcta	540
tgctctatga	tgctattatc	atagactaac	gacntttatc	ttcaaaaacac	caaattgtct	600
ttagaaaaat	taatgtgatt	acaggtagag	g			631

<210> 554
<211> 558
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 554

ccaggntagt	ctccaactcc	tgaccttagc	tgatccaccc	acctcggcct	cccaaagtgc	60
tgggattaca	ggcatgagcc	actgcgccc	gccaaacttg	atatgcattt	ttaaataagt	120
taatacatta	ttcatggttt	agtctcatta	tatatctat	gggtccacttt	gaaatttcat	180
ctaaccaaaa	tcatcttcat	cctgcaattt	gaggtttggg	cacaatgggg	attgatcagt	240
aattttcttca	tatgcccttt	ctcaaggaaa	tagtttccta	tgaaaaaaaa	gtcctatggt	300
ttcatgtaag	ttctcttttt	ggagaagaaa	aggagacatt	cttacttagc	actctcagtt	360
ttacaaaacg	ctgccaacct	taaaatttgt	ctattgattc	ccaaggcaca	caaccaatag	420
tctgtcaata	acccggaata	acatttcttt	aaggccccag	taactttcac	atgtttgggt	480
tccaatcctc	acctagaatc	ttgttaagaa	aagtaaacca	ttcactcctc	tagaaaactct	540
aaggttgctt	cttagggg					558

<210> 555
<211> 212
<212> DNA
<213> Homo sapien

<400> 555

ccaggatttt	gcataatggc	ttttcttctg	ttgcctttgt	tcctttgtgg	ccccagctaa	60
ttgcctgaga	gtgccactgt	tagttttcaa	ctctttctga	tagaaaccct	gtgtactaac	120
atggaaatct	taggtaatct	gctttttcaa	agcacaatgc	agaattttatt	ggcgggtggtg	180
taactttaag	aatatccgag	aagccaccaa	gg			212

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<210> 556
 <211> 219
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 556
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 atctggagaa ttcgaagaat ggtaagaagg ccagagtgga gcagaacaag tgtgggagag 120
 agttgtagga gatgagatca aaggctagga atgaagtgta aggccatgtc atgtgacctt 180
 gtatgtcctt gtaaggcttt tttttttttt tttnancct 219

<210> 557
 <211> 482
 <212> DNA
 <213> Homo sapien

<400> 557
 cctactatgg gtgttaaatt ttttactctc totacaagggt tttttcctag tgtccaaaga 60
 gctgttcctc tttggactaa cagttaaatt tacaagggga ttttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt 180
 ttgtcgcctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggtctc ctttgcaaag 300
 ttattttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360
 tggttataat ttttcatctt tcccttgccg tactatatct attgcgccag gtttcaattt 420
 ccatcgcccta tactttattt gggtaaatgg tttggctaag gttgtctggt agtaagggtg 480
 ag 482

<210> 558
 <211> 679
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 558
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 ggagcaaaaga aaagccaagt tattttaaac caataaacac aagagacaat tctgctggag 120
 aatttacttt ctccaaaaca tcaaatggac tttaaagcag aagaccacat tttatgagaa 180
 agttatgtca ctgaaaagct tcatgtaaaag tgactttgta aatggaatat ttttaaataa 240
 taaaaagaaa ataacttttc caggaatcct ttggagaggc tgataaccag atattaaatt 300
 atcaattttt ccaaagtgga cttttaaaaa atgtgttact tttaaaaact aacttgaaag 360
 aatttatgag gcaatctatc tgagtatgtt tattgttgct ccattggctt tcaggatttt 420
 ggtcatttca ctgttaactc ttacatcaga gaataaagaa aagaaaatga aactttgtta 480
 ggaactggga tggaaaatgt agtcccagac agatctactg acctcgactg agtttcagaa 540
 atatcccagg attttggtta ttcattgcctt tcttttggtg ctttctttca aattagccaa 600
 ttaaagatac cccttcaatc accggtgaca tcagtacaac agtttttcaa cagttttctc 660

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tctcctgacc aaacagttt

679

<210> 559
 <211> 488
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 559
 cccactgta ctccagcctg ggtgacccca tctcaaagaa gaaaagttac cagatgtcat 60
 gggtaaaggt tggctctcaa gtggcctcat aagttgtctt gcattttaa tccagggaatt 120
 cattggacca atagggtaca ttttcgttcc tttttgtttt tggttcatct gtttaagcagt 180
 gggggcctaa ttactgctcc tttgtaaaaa cacattttcc caaagaacac tgaattaccg 240
 ttcaaactgg ttgttgatgg gtaacaaggg ctgtttttgc tgccccaaaa gggcttaaca 300
 atttaggcgg atagtttact taaaaaaaaa aatcctttgg agacatactg aaaatgcaaa 360
 ctagtttcta aattatcaat tccctacatg aanaagcagt ttgccanagt ttagtctcan 420
 aaaatgactg gttggctcta tttaaatcan aacccaattt ctacgcacct gcccgcccgg 480
 ccaagggc 488

<210> 560
 <211> 602
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 560
 cctanttaag aattccttgc cttagtgggt aacaaggact aaacacagac aatgggtgaa 60
 acacagacgc taattcacat aacagagagt aggcaacctt aagaatgaat tgatgcagac 120
 tcctatagaa ttctctgtgt atgactgggt tcttattttc tcctccttgt atgtagtgtga 180
 aatttcatca ttatgaatag ttcttggat ctttttttaa agttgtgaat gcgagtgttt 240
 ggctttgtaa tacaactttt tagtatccag aagataacca gtgctctacc aataaagatc 300
 ttttgatata aagggtttta acttctgcca gttcttactc atttttttca ggttttttat 360
 acatttctta aacaacacat acattatgta aaatataaga attaattgtac attctcaagg 420
 ccagattcag tgacaaaatg cactaccgga atctagtaac acatttactc cttgctgcat 480
 ataagtggcg tgtaagaaat acagggtata ttgttttgtg atccatgcag taaatgttca 540
 caaatatcag gcaacaact agacgntctt cagctactaa aattaactgt cccagtcaca 600
 aa 602

<210> 561
 <211> 683
 <212> DNA
 <213> Homo sapien

<400> 561
 gtctattttt aaaaagaaag aaaaaaacca cttttttata gtccctagct ttgccatatg 60
 cccgccttaa gtggaaggaa agttaatcac ttaactatgt tttataaaaa gaaaaaaggg 120

F0E050" 92954860

cttggaatgc	tattactggt	cacacaaagt	atgattctgt	ttgaataagg	caaagtctcc	180
tttttttaaa	aaaagacatt	actgtaatat	caaaaaccgt	ggcagtttgt	atacaactct	240
gggcttgatt	tttttttaaa	aaacagaatg	aattgatgtc	ttattttata	aatgtttctat	300
atttattagg	agaaaacttt	atattgcctt	ttttatcaat	catgtaacag	gcttatagct	360
ttccaacaga	gctgcttgcc	aaacaatttt	ttttgtttat	taaacagtgc	tgaaacaaac	420
aggatcagca	tttacttaag	atgttaagaa	tgaggacttt	taatcagccg	aaccaagata	480
ttgttacctg	tatgcattcc	caaagtctag	atgctcagta	tgttcagtca	tatctttcag	540
aatcagtga	ccgattaccc	tttttttggt	attcactcta	catctgccaa	cctagttcac	600
cttggttttg	tgtctgctgt	agaagggaac	cataacttgg	ttaaaccgta	gggattatca	660
ttgtatacat	gctgtgaaca	tgt				683

<210> 562
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 562						
gcactttttt	tccagtaagg	attcatctct	tgctctccta	tatggtcatt	atattttata	60
ttttacatat	ttataaacat	gacatatgta	tttatgttcc	acaaagggct	ttgaatagaa	120
tttacacata	gagttccctg	ggttgatgtg	tttatcaaaa	tggaagataa	agtgaattaa	180
ttacttaaat	atttaacact	attgaataga	aataatttcc	ccaatattgc	ttcatgattt	240
agacagtcta	ttaaatgttt	aagcaaggca	ctagactaag	tttattaaga	caaatttttg	300
aatatgtgca	gaaatatgac	ctggctaata	gtacagagtc	aaagctgggt	gaatgggtgt	360
atatagtggg	ttcagattga	tgtggcagtg	gtgggttacac	taggggcact	aaggttatcc	420

<210> 563
 <211> 482
 <212> DNA
 <213> Homo sapien

<400> 563						
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agaaattgaa	acctggcgca	atagatatag	taccgcaagg	gaaagatgaa	aaattataac	120
caagcataat	atagcaaggga	ctaaccctta	taccttctgc	ataatgaatt	aactagaaat	180
aactttgcaa	ggagagccaa	agctaagacc	ccgaaacca	gacgagctac	ctaagaacag	240
ctaaaagagc	acaccctgtct	atgtagcaaa	atagtgggaa	gatttatagg	tagaggcgac	300
aaacctaccg	ggcctgggtga	tagctgggtg	tccaagatag	aatcttagtt	caactttaac	360
tttgcccaca	gaaccctcta	aatccccttg	taaatttaac	tgttagtcca	aagaggaaca	420
gctctttgga	cactaggaaa	aaaccttgta	gagagagtaa	aaaatttaac	acccatagta	480
gg						482

<210> 564
 <211> 302
 <212> DNA
 <213> Homo sapien

<400> 564						
ctggaagtga	aggtaactaat	atacaaattg	ctcttgtttc	tgaatatgtg	atataatttg	60
tgaatctttg	gaaactgaat	tttttctatg	gagtgc aaat	atagaagggt	tattttacaa	120
tgtttggtgt	gaaaagaatt	cactttgtaa	acaactatta	aggctggaag	tttagtgaag	180
gtgcatagtt	ttgaaagcta	cacaggtgaa	aatcaaaact	tattgtttgt	aattttgctg	240
ttacatgtta	agttactttg	acagcaattt	tctaattgata	atgtgattta	tgatttaaaa	300
gg						302

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<210> 565
 <211> 554
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

<400> 565
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 gaaggatcct ggagcccctg aatgagagtt tcttctccat gcctctcccc agtcaaaata 120
 catggaaata ttcatagaag cattgtaccc agcatgataa ggaaggatgg agaatgggtc 180
 cttatatctc tggtcacaa acatcaacac tcttaagtaa ctgtatgaaa taaattctct 240
 gctgaaagca aataaaccat ctgaaaggtc ttctgggttac ttacacagat ttcctagaga 300
 atctgaaatc agcctaacag ggaagattaa tttttaaatg aatccaagtt aatgaaagca 360
 aagaactctt atacagaaat acattttcct attataaagc aggactacct tccctaattt 420
 ctgatagacc taggacaatt tgaatgggca ttgaaattct tttgggttgaa ttacgcaaac 480
 aagcaaagga aaagtctcaa ttattattgg aaaatttggg gagagattat tatctcttga 540
 tctcctagtn natt 554

<210> 566
 <211> 631
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 566
 ncgaagctgt gaanncattc acacggaatc tgganggtat tactgtaact tcttataata 60
 cataatataa aagtttttga aagatataga cacaattaac ccctaaacaa cacactatct 120
 gattctcaaa agcaatggct atttaacaag atgtaaaagg acaataacat atcaaagaac 180
 tttcacacac ctaaagatag catttagcag caagttagtc agacaaaaca aacataaata 240
 tcttcacatt tctatgttt gtttttaact ttacttcata aagccactga taattgaggt 300
 ttctttcaag tataagattt ctaaaattaa aaactgtttt tgacatattt ttataaagaa 360
 ataaaaagca aaacgcaatc caactattta tatgagtccc tcttctccaa cagctttaga 420
 tgtttttctg agtacttttt acacagaata tttttattaa aatcagttct aattcattta 480
 tgcagattag gggaaaatga ttcataataa attaaactta aaattacctt ctatctgctt 540
 ctacctctat cccccatca ccaccaaact tgttgctaca gtgaactgta gccaatgtct 600
 gtttgagggg gcccaaagca tctggtaatc t 631

<210> 567
 <211> 510
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

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<400> 567

cctatnatag	cttctctagc	tatcatactc	caatcagcna	aaaatgagaa	aatgttgaga	60
aatagaagat	aattcctcat	ttaaggnac	cttctanaat	ttgtgcttaa	nantctgttt	120
tcttctcatg	ggccagcact	tcggcaactg	ggaaaaatta	ngngtacagg	gatctaggna	180
atactgttta	tttgagcaat	aatatattgn	gctaactgtc	aggcatccta	ttactgagaa	240
ataagggaaa	atgagtgtaa	agtacaacta	agagtctcgg	ctacagggaa	aaataccatc	300
agttaaatat	ccatagtcct	agagcattta	tgtaaaactg	caatttgaat	cctgcaatac	360
atthttggctt	tttcctcagt	gataccatgt	gtgggaagtt	gttctgtcaa	gggtgggtcgg	420
ataatttgcc	ctggaaagga	cggatagtga	ctttcctgac	atgtaaaaca	tttgatcctg	480
aagacacaag	tcaagaaata	ggcatggtgg				510

<210> 568

<211> 180

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(180)

<223> n = A,T,C or G

<400> 568

ttaatntgac	ncacgcttat	gcggaggaga	atgntttcat	gttacttata	ctaacattag	60
ttctttctata	gggtgataga	ttggtccaat	tggtgtgtgag	gagttcagtt	atatgtttgg	120
gatttttttag	gtagtgggtg	ttgagcttga	acgctttctt	aattgggtggc	tgcttttagg	180

<210> 569

<211> 237

<212> DNA

<213> Homo sapien

<400> 569

ccaattgatt	tgatggtaag	ggagggatcg	ttgacctcgt	ctgttatgta	aaggatgcgt	60
agggatggga	ggcgatgag	gactaggatg	atggcgggca	ggatagttca	gacggtttct	120
atttcctgag	cgtctgagat	gtagtatta	gttagttttg	ttgtgagtgt	caggaaaagg	180
gcatacagga	ctaggaagca	gataaggaaa	atgactatga	ggcggtgatc	atgaaag	237

<210> 570

<211> 352

<212> DNA

<213> Homo sapien

<400> 570

ctgtctctcc	atthtagagcc	ccagttggtc	ctgacctctt	acaaatttgg	tgthtttcaact	60
ttgatgttta	tgaaccgatt	gcattaaaaa	tgcaggataa	tgattcaggg	ttagagaaac	120
tattatttat	acaaatgtgg	ttaacacctc	atcattttta	attggctgtg	ctaataatgc	180
tcatttgtct	cttcaggggt	atgtgtgtgt	gtgtgtgtgt	gttttgcttg	aatctgcaac	240
ctacatttgc	tctggcagta	tgthtagtat	atgctagaat	agaatggacc	taggcaactc	300
taaggtccta	caactaaata	cacttactta	ggaaacctcc	taaataagta	gg	352

<210> 571

<211> 402

<212> DNA

F05050-92954960

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 575

ccagatntga	cttttcaaaa	ctactcacat	tgtgaaaaan	gcaggaacaa	atctagtttc	60
aagttcagca	tgccgttccc	tgtttaattc	ataaaacaca	actggcagaa	gtattacttg	120
aagcaaaaca	aaagtaacgt	gggaacttgc	ttatttgcta	agccacaatg	tatttttcca	180
ggaatagcat	aaatttgcca	tctttcttgt	gtctatggaa	aaggggttta	gaattgtttc	240
actaaaaatt	aaatttctat	attgtcaaac	atgattgtat	actcaaattt	taaaatgtga	300
agggaaacact	tactaagcat	ttcctgggta	tgccactata	ttaagtccta	gtaatatgat	360
atagttttatt	tcaatttttt	ttcaactcat	acttccttta	aaatagcact	gaccaaaaga	420
aagttaacat	gagcttcatg	tacaattttt	aatctttttg	cagaaaaata	aactgagaaa	480
ggctaaaatt	gttttattta	agccactata	ccaagacata	ttgatttcac	caatataaaa	540
attgagatag	tttacatttt	ttggtacatc	tttaaaatct	ggtatgtatt	tttatactga	600
cagcacatct	caatttggac	aagctacatt	tccagggtct	aatagtcacc	atgaatctca	660
attgtaatca	aagaggttgg	cctg				684

<210> 576
 <211> 134
 <212> DNA
 <213> Homo sapien

<400> 576

ccttattttct	cttgtccttt	cgtacagggg	ggaatttgaa	gtagatagaa	accgacctgg	60
attactccgg	tctgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120
atagcggctg	cacc					134

<210> 577
 <211> 133
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 577

ctgtctctcc	attnagaagc	cccantnggt	cctnacctct	tacaaatttg	gtgttttcac	60
tttgatgttt	atgaaccgat	tgcatataaa	atgcaggata	atgattcagg	gttaganaaa	120
ctattattta	tac					133

<210> 578
 <211> 200
 <212> DNA
 <213> Homo sapien

<400> 578

cctcaaattct	atottcaaa	gtgaccacgc	aatcagtgtc	aatgccttta	ctgtagttaa	60
cctggtaatt	tcattcttta	gtctctccaa	gaaaatctga	agtgtattag	gcaagtcaga	120
acccaaattg	tctccaaggt	tgcaataaat	ttgtcccata	caggaaatag	ccctttcctt	180

gacttcctga tcaatgtcag

200

<210> 579

<211> 402

<212> DNA

<213> Homo sapien

<400> 579

ctgatttttaa	caataactac	tgtgttcctg	gcaatagtgt	gttctgatta	gaaatgacca	60
atattatact	aagaaaagat	acgactttat	tttctggtag	atagaaataa	atagctatat	120
ccatgtactg	tagtttttct	tcaacatcaa	tggtcattgt	aatgttactg	atcatgcatt	180
gttgagggtg	tctgaatgtt	ctgacattaa	cagttttcca	tgaaaacgtt	ttattgtgtt	240
tttaatttat	ttattaagat	ggattctcag	atatttatat	ttttatttta	tttgtttcta	300
ccttgagggtc	ttttgacatg	tggaagtg	atttgaatga	aaaatttaag	cattgtttgc	360
ttattgttcc	aagacattgt	caataaaaagc	atttaagttg	aa		402

<210> 580

<211> 245

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 580

ccaattgatt	tgatggttaag	ggagggatcg	ttgacctcgt	ctgttatgta	aaggatgcgt	60
agggatggga	ggcgatgan	gactaagatg	atggcgggca	ggatagttca	gacngtttct	120
atttctctgag	cgtctgagat	gttagtatta	gttagttttg	ttgtgagtgt	taggaaaagg	180
gcatacagga	ctaggaagca	gataaagaaa	atgactntta	gggcgtgatc	atnaaanggg	240
ataaa						245

<210> 581

<211> 294

<212> DNA

<213> Homo sapien

<400> 581

tgcagcgcaa	gtaggtctac	aagacgctac	ttcccctatc	atagaagagc	ttatcacctt	60
tcatgatcac	gccctcatag	tcatttttct	tatctgcttc	ctagtctctgt	atgccctttt	120
cctaacactc	acaacaaaac	taactaatac	taacatctca	gacgctcagg	aaatagaaac	180
cgtctgaact	atcctgccc	ccatcatcct	agtcctcatc	gccctcccat	ccctacgcac	240
cctttacata	acagacgagg	tcaacgatcc	ctcccctacc	atcaaataca	ttgg	294

<210> 582

<211> 230

<212> DNA

<213> Homo sapien

<400> 582

gaggtcgccc	tcatagtcac	tttccttata	tgcttctctag	tcctgtatgc	ccttttctta	60
acactcacia	caaaactaac	taataactaac	atctcagacg	ctcaggaaat	agaaaccgtc	120
tgaactatcc	tgcccgcac	catcctagtc	ctcatcgccc	tcccatccct	acgcacacct	180

F05050 " 92967850

tacataacag acgaggtcaa cgatccctcc cttaccatca aatcaattgg 230

<210> 583
<211> 481
<212> DNA
<213> Homo sapien

<400> 583

ccaagggtgt	tctgcctgcc	tcagcctccc	aaagtgetgg	gattacaggt	gtgagccact	60
gtgcctgacc	acaggaaaac	ttatTTaaat	gagagatttg	actcgaaaga	tcccgTTTTT	120
ttaaggctct	tagttcttaa	aagcggcaca	taatagaatt	agtataatcc	caaataaatt	180
ttcagtagat	TTTTggtgta	acttgagaag	atgattctgt	catttttagt	gacaatttaa	240
aagacctgaa	attgtctaca	gccatagaaa	gtgaactact	gatagttggt	tctgtaaaagt	300
tttattggaa	cacaaccaca	cctatttggt	catctgtatt	gtctttgggt	actttgtgca	360
gagaccatgg	cccacaaacc	taaaacattc	actttctagc	tctttaagaa	ataattggcc	420
cactgacacc	ctggtcttaa	ggtctagacc	aattatttct	caagagtatt	agctgaatca	480
g						481

<210> 584
<211> 306
<212> DNA
<213> Homo sapien

<400> 584

ccaattaaga	gctaaattta	caaaataatc	tctatcagga	ggctttaagg	tttaatgtct	60
ctaaagtccc	tatggatata	agaggcttga	atgtactgaa	ttcaaatttg	gtttttaaat	120
gttataatag	tttaggcccg	agagccacat	atttctgtct	aagaatagaa	agcatagcta	180
gctgccacac	cagaatattc	atatagaggt	ggggggcaag	aacaaaattt	attcatttga	240
tacatagaaa	tgggactact	tagaatagac	tcataataga	aagcatcatc	tggtttctca	300
tctcag						306

<210> 585
<211> 308
<212> DNA
<213> Homo sapien

<400> 585

ccagaatggt	acagagtgga	gggtgttctg	ctaattgactt	cagagaagta	tttaagaaaa	60
acatagaaaa	acgtgtgcgg	agtttgccag	aaatagatgg	cttgagcaaa	gagacggtgt	120
tgagctcatg	gatagccaaa	tatgatgcca	tttacagagg	tgaagaggac	ttgtgcaaac	180
agccaaatag	aatggcccta	agtgcagtgt	ctgaacttat	tctgagcaag	gaacaactct	240
atgaaatggt	tcagcagatt	ctgggtatta	aaaaactaga	acaccagctc	ctttataatg	300
catgtcag						308

<210> 586
<211> 416
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

09849326.050304

<400> 586

cctgtctttg	aatggatgaa	atagggttaat	aaaaaacatc	actgtttaaa	aactagaaca	60
ctgaaaaatt	ctaggaaaagc	ttatnttccc	ttatatTTTT	atggnacttt	caacacttna	120
caacactatt	tnaathtaann	ttntttctag	agtttatann	atatcagtac	attcttttct	180
gtggatgcaa	taatatagaa	tcttattnca	aatcttactg	gcaggntctn	ttaaatttct	240
caacggntgn	catagtgatt	aacaaaaatt	agttatgatt	tctgcctatc	tgtgtgagaa	300
cttacagggg	aaattgttct	aaacctgagg	aacatgaagt	aactgtactg	cacactccaa	360
atgatgacag	tcattttata	tcaccttcaa	ttaccaaca	gcttttaata	gtctgg	416

<210> 587

<211> 382

<212> DNA

<213> Homo sapien

<400> 587

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcttag	tgtccaaaga	60
gctgttcctc	tttgactaa	cagttaaatt	tacaagggga	tttagagggt	tctgtgggca	120
aatttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgctc	tacctataaa	tcttccact	atattgctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctggtttcg	ggggtcttag	ctttggctct	ccttgcaaag	300
ttatttctag	ttaatcatt	atgcagaagg	tataggggtt	agtccttgct	atattatgct	360
tggttataat	ttttcatctt	tc				382

<210> 588

<211> 307

<212> DNA

<213> Homo sapien

<400> 588

cctactcttc	tcogtccatt	gtactatctg	cccgtgggtg	ggatggcagt	aggatcatat	60
ttgatgactt	cagagaagca	tattattggc	ttcgtcataa	tactccagag	gatgcgaagg	120
tcatgtcctg	gtgggattat	ggctatcaga	ttacagctat	ggcaaaccga	acaatttttag	180
tggacaataa	cacatggact	aatacccata	tttctcgagt	agggcaggca	atggcgtcca	240
cagaggaaaa	agcctatgag	atcatgaggg	agctcgatgt	cagctatgtg	ctgggtcattt	300
ttggagg						307

<210> 589

<211> 89

<212> DNA

<213> Homo sapien

<400> 589

cctgggtgat	tgaggatgca	atgagctgtg	attgtgccac	cacactccag	cctgggcaat	60
acagcaagac	tgtctcaaaa	aaaaaaaaa				89

<210> 590

<211> 456

<212> DNA

<213> Homo sapien

<400> 590

cctcagttct	tgattgtggg	tgacggggcg	tcaccatgaa	ggagcccatt	tagtataaag	60
cttccaacct	tttctcttaa	tcgtttcttt	aatcttttaa	accatcttca	agtgcatagg	120
ggagtttccg	atgccagagg	atgaaagcaa	gtgctctctc	cacctctcc	tcccagagt	180

```

aaaacaaatc cttttgctga tacttgtttc aaaagcatcc attgtaaagc ttctcagtga 240
cacaaaatac tgagaggtaa ctttttatca atcaaaccac ataccccaat ttaacacctt 300
tcaatgctct gaattcaact gacagactaa aggggtgtttc ctgtaacagt ctgaaatatt 360
aagtgttttt tttgttttgt ttttaaactt tatttcagaa aacttcctct tggggtagga 420
aagtacacat gaagcagcaa agtaacgaag aaaaac 456

```

```

<210> 591
<211> 289
<212> DNA
<213> Homo sapien

```

```

<400> 591
ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
gcatacagga ctaggagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
ataagctctt ctatgatagg ggaagtagcg tctttagtagac ctacttgcg 289

```

```

<210> 592
<211> 435
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

```

```

<400> 592
cgcgttagat gcgccttttc cggcctgtgc gtctgctctg gttcctctca ggcagcaaag 60
ctggggaagg aagctcaggc aggagcctcc ccgacaccac agcggcacia gcagcagcta 120
aagcaccgca ctttgctctg ctaacctttt acttaaatga ggttttgcca aatccacatc 180
tggaaccgca tcacacccat ttgcaaggat gtttggttctt tgatgaaact gcatctctac 240
tgcacatgan ggctttcatt gtaggacaag aggagagttc gtttattttt gtaactgttt 300
tacatgttcc gattanttaa tcggnagctt atgtcatttg ctatgcctgt tgtcttctaa 360
tctctcctta ctaaaacatt acttcaaatt tnaattgacc cttgtttata atttatttaa 420
cgggatttgn gtgtc 435

```

```

<210> 593
<211> 633
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

```

```

<400> 593
ctgttttagtc agataattgt gtccgaattg attangaaaa taatagacca gccataaagc 60
agcataaaat attatgaaac tattccagaa gttcagtaat atctttggga cctgctcata 120
gcccagttt tgtgaatact tttgtagtta aaaaaattt ttactttacc agggcattgc 180
aattcttttc catcagtga tttcattcta cagacttttc agagcatctc ataatacgtc 240
aacaaatcta tttcaaatgt gtttgttact aagcaacggt tgctaagagc ttctgtaatt 300

```

```

aagatgaaag ttccaaggta acaatgccca aacacagcac cattttcacc attttctgat 360
aatgcaggag taggatggct aaaagtgaaa gaagaatcta ctctatggaa agcatggcac 420
ctgaaatttc tgaagatatt ggctgtcctc tagcttatat gagagagagt gtttgtgctt 480
tactaatcaa ccagtcattt ttttcttggtg tggctgaaat gtacattcca gacatgaaca 540
ggtagagtat gtgttggggg caggtttata ctgcatgggt gtgctgagac agggccacgt 600
ggtgatgtaa atgatgctgn ctgacacgtg cag 633

```

```

<210> 594
<211> 501
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

```

```

<400> 594
cctttacaag atgctgggtac cttgatcttg gacngggcag gctccaagat ggaaagaaag 60
tgagcatctg ctttttaggg attatccagt ctatactact ctgttctagc cacacaaaac 120
aggttaagac agaaattggg accaagagtg ggggtgttact acagcaaata cctgaaaatg 180
tagaagaggc tttgaaatgt ggtaattgga agaagctggg agaatttgga ggagtaggct 240
agaaaatgtc tgtattttca tgaatggagc attaagaata attccggtga ggccataggg 300
aaagtctaaa acttttcaga aattatgtaa gcgattgtga ttagtagggt ggtagaaata 360
tagacagtaa aagcaattct gatgtgggtt cagaggaaaa tgaaaaatat tagaaactga 420
aggaaggggc atccttgcta taaactggca aagaacttgg ctgaaatgtc tccatgtcca 480
agagatttat ggcagaaatg t 501

```

```

<210> 595
<211> 383
<212> DNA
<213> Homo sapien

```

```

<400> 595
ctggtcacca tcatcccttt aatcaactca cacctgttta aagagtgttt ctgatttgac 60
cttcatccct tagtttactg gcggttaaaaa aagtctcagc aattttcatt atttctcggtg 120
ggtctcatta tcaaaccttt acttatttcg gcataatttc tctgggcttc ttctagtttc 180
tgccttaca gcaatgctgt tctgtaaatt tattgaaacc tctggaacat ttcaccttta 240
gagatggagg atggaaggat tggtagcaga agagggtctaa gatacgtttt ctgtcttgag 300
ctgaaagcac agtctactct ccttcgtttt gtcgatgaga aagttgaggc cagaggggag 360
gtgacatggt tagagtcacc cag 383

```

```

<210> 596
<211> 266
<212> DNA
<213> Homo sapien

```

```

<400> 596
ccatggctag gtttatagat agttgggttg ttggggtaaa tgagtgaggc aggagtccga 60
ggaggttagt tgtggcaata aaaatgatta aggatactag tataagagat cagggttcgtc 120
ctttagtgtt gtgtatggct atcatttggt ttgaggttag tttgattagt cattgttggg 180
tggtaattag tccggttggt atgagatatt tggaggtggg gatcaataga gggggaaata 240
gaatgatcag tactgcggcg ggtagg 266

```

```
<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G
```

```
<210> 598
<211> 266
<212> DNA
<213> Homo sapien
```

```
<210> 599
<211> 294
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G
```

```
<210> 600
<211> 213
<212> DNA
<213> Homo sapien
```

```

agatattggg ctgttaattg tcagttcagt gttttaatct gacgcaggct tatgctggagg      60
agaatgtttt catgttactt atactaacat tagttcttct atagggatgat agattgggtcc    120
aattgggtgt gaggagttca gttatatgtt tgggattttt taggtagtgg gtgttgagct      180
tgaacgcttt cttaattggg ggctgccttt agg                                   213

```

```

<210> 601
<211> 471
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

```

```

<400> 601
ncctactatg ggtgttaaatt tttttactct ctctacaagg ttttttctta gtgtccaaag      60
agctgttcct ctttggacta acagttaaatt ttacaagggg atttagaggg ttctgtgggc    120
aaatttaaag ttgaactaag attctatctt ggacaaccag ctatcaccag gctcggtagg    180
tttgtcgctt ctacctataa atcttcccac tattttgcta catagacggg tgtgctcttt    240
tagctgttct taggtagctc gtctgggttc ggggggtctta gctttggctc tccttgcaaa    300
gttatttcta gttaattcat tatgcagaag gtataggggt tagtccttgc tatattatgc    360
ttggttataa tttttcatct ttcccttgcg gtactatatc tattgcgcca ggtttcaatt    420
tctatcgctt atactttatt tgggtaaatg gtttggtctaa ggttgtctgg t              471

```

```

<210> 602
<211> 482
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

```

```

<400> 602
tgagcataca gcaataaaaa taacataaatt tntatgtgta caatatttat ggaatacgtt      60
actggaacag ataaataaatt tagttaataa catgacaaag aacagaaatt gtatacacta    120
tacagcatag taatagaata atgaatgatt aaagttatta atattaggta gaaaatgaag    180
ggtatctttg agagcagaac tcaaggaagc aagcaatttg ccttatgagg aaagagttac    240
ctgtggataa aggagaaact gaaaaattta caagtcaaga ctttttgagc aaaaacaaaa    300
atatgactat gagtcaccaa ttcagtacag tgaaaaaaaaa gttgaagaga tatcttggaa    360
gtaaaccatg ttgtggaaga gcagggtttt gataatcatg ggattattct gaatgaattt    420
taaatgcgat aggaatatat gagataattt caccagagaa taatatgatc atgtttgcat    480
tt                                                                 482

```

```

<210> 603
<211> 372
<212> DNA
<213> Homo sapien

```

```

<400> 603
gttccaacct tcattttctga aactgttcta gagcactttg tctttctcgt agttcataaac      60
ttacccttct agtctagaat tagaattaca ttatctgttt tactacttta ctagactgta    120

```

```

agctcctaga agataaggac tagggagttc atctctgtat tccaccagaa ggtacagtga      180
ctcataacta gagtccttag atgaaactta ctgagttgaa taacttaata ttttctgtt      240
ttcattccca agggaggcca tgtctggaga tagacctga atttaataaaa ttttaggcac      300
tataccattt cagtggagaa aattgttggg aaatttgggg ggatggatat ataaggggga      360
ggaagtcact gg

```

```

<210> 604
<211> 468
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

```

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<400> 604
gcngttttga gtgagtttct taatcctgag ttctggnttg attgcactgt ggtctgagag      60
atagtttgtt ataatttctg ttcttttaca cttactgagg agagctttac ttccaagtat      120
gtggtcgatt ttggaatagg tgtggtgtcg tgctgaaaag aatgtatatt ctgttgattt      180
gggggtggaga gttctgtana tgtctattag gtccgcttgg tgcagagttg agttcaattc      240
ctggatagcc ttgttaactt tctgtctcgt tgatctgtct aatgttgaca gtgggggtgg      300
aaagtctccc attattattg tgtggggagtc taagtctctt tgtaggtcac taaggacttg      360
ctttatgaat ctgggtgctc ctgcattggg tgcacatata tttaggacag cnagctcttc      420
ttgttgaatt gatcccttta ccattatgta atggccttgn ctcttttg      468

```

```

<210> 605
<211> 288
<212> DNA
<213> Homo sapien

```

```

<400> 605
ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt      60
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct      120
atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg      180
gcatacagga ctaggaaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg      240
ataagctctt ctatgatagg ggaagtagcg tctttagtag ctacttgc      288

```

```

<210> 606
<211> 572
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(572)
<223> n = A,T,C or G

```

```

<400> 606
gaatnaaatg aatgaaatag aaaatataat tgagagcttc aacaacagac tataccaat      60
ggaggaaaaa atttctgaac ttgaagatag atcttttgaa ataacacaag cagtggcaaa      120
aatgaattaa aaagaataag gaaagcctaa aggatttatg agatattcatt aagcaagcaa      180
atattcatac tatgggcatt ccagatggaa aaaagaaggg taaaggtag gaaatcatat      240
ttaatgaaat aatagcagaa aatttccgga gtcttgggag agagatgagc atttaggtcc      300

```

agggagctca	aagaacccca	aacagattca	acccaaacag	gtcctctctg	gagcccaaca	360
tagtcaaatt	gtaataagta	aaagacaaag	aattccaana	agcattcaag	agaaaagagt	420
caagtcataa	ataagggaat	ctccattagg	ctaacagcag	atatctcagc	agaaaagctta	480
cangccanga	gagaatggga	tgatatattc	aaagtacttg	aaagcagggg	tnggggaaac	540
cctgctagct	aaaaatatta	tacccttgca	aa			572

<210> 607
 <211> 178
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 607	
ctcggggtaa	tctcccagca
aattggctgc	tcccctgacc
ccaaggccag	acctttcatc
	tttcaaaaaga
	ctttgactaa
	aaatgcttta
	aaaaagca
	60
	120
	178

<210> 608
 <211> 416
 <212> DNA
 <213> Homo sapien

<400> 608	
cctgtctttg	aatggatgaa
ctgaaaaatt	ctaggaaagc
taacactatt	tcaattaagt
gtggatgcaa	taatatagaa
caacggctgt	catagtgatt
cttacagggg	aaattgttct
atgatgacag	tcattttata
	tcaccttcaa
	ttacccaaca
	gcttttaata
	gtctgg
	60
	120
	180
	240
	300
	360
	416

<210> 609
 <211> 648
 <212> DNA
 <213> Homo sapien

<400> 609	
ctgatctctc	agcagaaact
ttaaagaaaa	taattttcaa
aaggagaaat	aaaatccttt
ctaccctaaa	agagttcctg
gaggctagga	agaaaccgca
aggatcagat	tcacacataa
taaaagacac	agactggcaa
ggaaacccat	ctcaccgtgc
tctaccaagc	aaatggaaaa
cagactttta	accaacaaag
gatcaattca	acaagaagag
	ctaactatcc
	ttaaataata
	ttgcaccc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	648

<210> 610

<211> 310
 <212> DNA
 <213> Homo sapien

<400> 610
 ccagctcttc tctgtcacat tcctatttct gactttctgcc tggctttcag tttctgcccc 60
 accttggttt tttcccagct tgaacctaat agaactccag agtttggggg gaggcccagc 120
 cctttgtttt ctgctcttga agcatattca cacataaaaa gttgtattct cttacacaaa 180
 ctgttttgag gctcttaccg tagtcgaagg tatcttagat cttccttagt gatctcatta 240
 agaatatccg aaagtgtata accctcttca acaatctgaa acaaagatca gatccttaag 300
 agctgagcag 310

<210> 611
 <211> 254
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 611
 ctgtttttac atctaaagca atagactaga actgaattnt cttctacata gtaaaatcac 60
 aattgtggaa ttacaggaat tctggtgata ttaaggtgaa acaacaaaac acaaaaggcc 120
 ctattttaac agttgatgtg acagtaagtt ttaatagaac ctgtaacttc attttggaag 180
 tgcttctcca ccaaataagg cctttttccc ctatttaagg agccagatgg attgaaagat 240
 gtggaaatag gcag 254

<210> 612
 <211> 225
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 612
 ctgactatat catgtcacca tcatagccaa tacaacattn ttgccatact tcctaaaaac 60
 cttttcgcat aactgatca tgctacttat cagcactttc taacatcctg accaaacaga 120
 caccacacc tcttatagag tacactgtga gagaataaca tggacttgat atggcatcac 180
 acttgtttta aagcaaaaaa aaaagaaaaa gaaaagaaaa aaaaa 225

<210> 613
 <211> 471
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

09349626.05001

<400> 613
 ccatcagact tcttgggtgc ctggctatat tcaatgtgaa gtaaaaaata tcccaagtct 60
 tacaccaaaa tagaggctct gacttagaag tatgctttta gctttctttt taaataagac 120
 attctggaag aaaaaaaaaag aaaaaggaaa gaaaatcaag tttgaaacac agttaacact 180
 tattttggca agaaagcaac caaatctaa aaagcataaa ctatgngtcc aaatgnaaaa 240
 ggnattacag aacaaactgc aagaggggaa aattaaagcc nactgaacg aaaaaataca 300
 gtatgtctaa cattttggaa ttgnaattta aaccctaagg gcaaaagctg aaaaatcatg 360
 cttanacctn ggncngacc acnctaagg cgaattccan cactggtcg gncgttacta 420
 gtggatccna nctcgtacc aagcttggcg taatcctnng catagctgtt t 471

<210> 614
 <211> 421
 <212> DNA
 <213> Homo sapien

<400> 614
 gttatttttt agaattggctc tcccatcttg agtatgtgtg atgtttcctc atgtatgaat 60
 gaagcatata catctttgtc agaagtatcc cagaagcaat tctgtactct cctcattatg 120
 ttctattggg tgggccatgg tttttgattt gtctcattac tgatgatggg tactttttatt 180
 atttgataaa ggttgatat aacttatcta ttatggcata atacattagc taaaaccttg 240
 gcggtgtaaa acagcagata cttacgtttc tcataggaat ggctctattg agtacctctg 300
 tctcaaggct tctcaagagt ttgtagctac cttgttggct ggggttgcg tctgacctaa 360
 aggcttagtt aggggttggt agaaatcttc catatgttct ttgctacgtg gacctcacag 420
 g 421

<210> 615
 <211> 242
 <212> DNA
 <213> Homo sapien

<400> 615
 cctcctattt attctagcca cctctagcct agccgtttac tcaatcctct gatcaggatg 60
 agcatcaaac tcaaactacg ccctgatcgg cgactgcga gcagtagccc aaacaatctc 120
 atatgaagtc accctagcca tcattctact atcaacatta ctaataagtg gctcctttta 180
 cctctccacc cttatcacia cacaagaaca cctctgatta ctctgccat catgaccctt 240
 gg 242

<210> 616
 <211> 392
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 616
 cctaatttgt agattgtgaa agcagctttt agtttaactt atttacagac cccttataat 60
 taccatgttt tttttttnt tcctaaatct nttggttcag cttngaatn ttacgtgcc 120
 gtaaagtngg gatgttgaat nggccctnt ttgttctggc agngagtcaa gngtccanca 180
 ttttttcata agngttttt aaaaatngttc tccancattt tatggctcct ccctcccatg 240
 tcctcaaacc cagcaaaagc gtanaggcan aattanagga cccncccggt cggtccgntaa 300

gggcnaattc cagcncactg gcggccgtta ctagnnggatc cnagctcggn nccaagctng 360
gcgtaatcat ggnccatagct gtttcctgtg an 392

<210> 617
<211> 215
<212> DNA
<213> Homo sapien

<400> 617
cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
gctgttcctc tttggactac cagttaaatt tacaagggga ttttagagggt tctgtgggca 120
aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt 180
ttgtcgctc tacctataaa tcttcccaact atttt 215

<210> 618
<211> 433
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 618
cttttgntg cctgttttgt ggactggctg gctctgttag aactctgtcc aaaaagtgca 60
tggaatataa cttgtaaagc ttcccacaat tgacaatata tatgcatgtg tttaaaccaa 120
atccagaaag cttaaacaat agagctgcat aatagtatatt attaaagaat cacaactgta 180
aacatgagaa taacttaagg attctagttt agttttttgt aattgcaaatt tatatttttg 240
ctgctgatat attagaataa tttttaaatg tcatcttgaa atagaaatat gtattttaag 300
cactcacgca aaggtaaatg aacacgtttt aaatgtgtgt gttgctaatt ttttccataa 360
gaattgtaaa cattgaactg aacaaattac ccataatgga tttggttaat gacttatgag 420
caagctgggtt tgg 433

<210> 619
<211> 259
<212> DNA
<213> Homo sapien

<400> 619
ctgcagtgtc cctttttata tcatgctagt gttgagacat acttgactaa cttgggaaca 60
gttcgatata ttgacaaccg tcaacttaag aaaatcaaca gcttttggcc ccagcgtcca 120
agtgaacttt tcatggagtg cagaatctca aatggacaaa atactttgtc tttttaaata 180
ctgaaaattt aattattagt actatgactg aaagattcct catggctaaa aagctctgca 240
tcaaactcaa ttcaggagg 259

<210> 620
<211> 393
<212> DNA
<213> Homo sapien

<400> 620
ccaccaaagc cacacggaga ttctgtcagg cgctgagaca ccacagcctt ttcaatctta 60
gggaaagaaa tcaagtcata taaattaata tcaacaggta aggtcattga gcaattgtct 120

ttcaactgtc	taagacttta	tcacttaaga	tcataaacac	agaagcaggt	cataaaaaata	180
gcttttctta	aggtttagga	gaatttgtag	gggcacttac	ttgataatct	gaattttcta	240
gtcagaagtt	taaataccac	cttttaaaaa	cataaaaattt	aatttgtaac	aagttattaa	300
caaagcagta	ttgtcgaaag	ttttaagctt	tctcccaata	atttaattac	attaattaaa	360
tttttaccat	tctaattggt	acaaagtaac	cag			393

<210> 621

<211> 563

<212> DNA

<213> Homo sapien

<400> 621

ctgacaatga	taaaattatc	tctatatggg	caaacgcgtg	ctctttgtcg	aagaagaaag	60
cttcagcttc	atgttccagg	tgagttaatt	aggcaatgta	tgaatgctaa	tatctctttc	120
acataatttg	cttaagatct	gtcttaggac	tctcgtctgg	cccatatggg	tttccaaggg	180
cagaagggcc	tctttttgat	gagaggcagt	tttcagtaac	tcttaaagtg	ataacagcaa	240
aggagaggag	agagaagagt	aagacaaatc	gaaacattct	tcaattgctt	cttggccttt	300
tggctaagct	caagctcaaa	acaggtcttc	aaggagaaaa	tacatcacia	agaaaaggat	360
gtttttattc	ttacctgtc	ctagaaaaat	ttccataaac	tctattggct	taattctgta	420
aacttgacca	atatcagagt	gcttcctacc	aaggagggta	gctgatgagc	gtgaccatgg	480
tacatcctag	aagaatgtgt	gatgaagaag	ctttcaccgt	gtaaaagagt	tgaaaattat	540
tcaaggagac	attatggtct	tgg				563

<210> 622

<211> 505

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(505)

<223> n = A,T,C or G

<400> 622

tcttaagtgt	gtttaataga	taaagtaaac	tttcctagtc	aagggttaga	tttttattat	60
ctcttggtt	ccgactttct	acttttcaac	tttgaacttc	aaaaaaacat	tactttgctt	120
atcctttgta	ctttgatcag	gttgtttaga	attgtagatc	aaaccattct	ttgatcattt	180
tattgtttaa	atgnttagtt	ccattttataa	tttttatagc	caactctcgg	ttattttctgt	240
cttttgagat	tgcaattcag	aagctgtatg	tcgaagtaat	ttatgagttg	acttttatac	300
ttaggcttct	ttaaatacta	atagtcaaga	attctagagc	atctaataaa	aaattaactt	360
tcagatcatt	gggaatctgt	cctcatthta	atatgtgtaa	atgcattttc	acagcaaatt	420
gcttcatgcc	ctttgnctat	aaggaaatta	ttccttgtag	ctaatacatt	tttcattttg	480
cagnccaaat	cttttttgag	aaagg				505

<210> 623

<211> 489

<212> DNA

<213> Homo sapien

<400> 623

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttgactaa	cagttaaatt	tacaagggga	tttagagggt	tctgtgggca	120
aattttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgctc	tacctataaa	tcttcccact	atthttgctac	atagacgggt	gtgctctttt	240

T06050-92964860

agctgttctt	aggtagctcg	tctggtttctg	ggggtcttag	ctttggctct	ccttgcaaag	300
ttatttctag	ttaattcatt	atgcagaagg	tataggggtt	agtccttgct	atattatgct	360
tggttataat	ttttcatctt	tcccttgccg	tactatatct	attgcgccag	gtttcaattt	420
ctatcgctat	actttatttg	ggtaaattgt	ttggctaagg	ttgtctggta	gtaagggtga	480
gtgggtttg						489

<210> 624

<211> 233

<212> DNA

<213> Homo sapien

<400> 624

gttggggaac	agctaaatag	gttgtgtgtt	atttggttaa	aaaatagtag	ggggatgatg	60
ctaataatta	ggctgtgggt	ggttgtgtgt	attcaaatga	tgtgtttttt	ggagagtcac	120
gtcagtggta	gtaataataat	tgttgggacg	attagtttta	gcattggagt	agggtttagg	180
tatgtacgta	gtctaggcca	tatgtgttgg	agattgagac	tagtagggct	agg	233

<210> 625

<211> 459

<212> DNA

<213> Homo sapien

<400> 625

ttcgagaaca	tttttaataa	ataatgtgac	aaaattactt	ttctgattat	tggattttca	60
gtatgcaaaa	ttatggctaa	aaataagggg	cttcttacat	gaacataatg	aaaacattaa	120
tcacatggat	tgttccctta	gtactgcacg	ccttttctat	ggaacttttt	caaattatct	180
aaatgaacaa	gtttggtttt	ggtgaacacc	agcctttttt	tttgtggttc	agttttgttt	240
ggctttgtct	tccactgggg	tcagacctga	tacttatcta	tctatgaata	aatgtacatt	300
tttttcttca	aatagcacca	attataaaat	caatgatatt	cataaaatga	caaaaaagga	360
tcatagaaat	ctactagtca	gagggcatca	tttgtcaatt	gaaagcaagt	aatgcctcta	420
ttagagattt	taaggaaatc	ttgtaggttt	cgacattgg			459

<210> 626

<211> 458

<212> DNA

<213> Homo sapien

<400> 626

cctgatgatt	gttttaaaaca	gtagaaaggg	ttcagctaag	aactacagtc	cactctcagc	60
cctgtcatgt	actataggac	aagtcttcat	tcacaacaaa	tggatagcaa	caccaatctc	120
gtaacactgg	gaaaactgca	tacaatattt	agaaggaaca	ctaatacagc	agaatctgca	180
cacaacggag	tcaaagatct	gaggccaaat	cctactacac	tttacgactt	tgagttggtc	240
acttttctga	accttagctt	ctccatcagt	gtaaaactga	tgtaaaataa	tataaagcta	300
tatgaaagct	gatgtgattt	acttgtgaaa	tagtatgtgc	aaaaggactt	tgtaaaatgt	360
aaagcactat	gctggttatt	gtgatatctg	agatattttt	aaagttgcaa	ttcaattcaa	420
caagcattca	tttagagtca	tgtgcaaggc	actgtgct			458

<210> 627

<211> 393

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

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<222> (1)...(393)

<223> n = A,T,C or G

<400> 627

ccatnngaac	gcactcagga	ggtggtttgt	tctggatgca	gaaaccagag	atctagtttc	60
tatccacaca	gacgggaatg	aacagctctc	tgtgatgcgc	tactcaatag	atggtacctt	120
cctggctgta	ggatctcatg	acaactttat	ttacctctat	gtagtctctg	aaaatggaag	180
aaaatatagc	agatatggaa	ggtgcactgg	acattccagc	tacatcacac	accttgactg	240
gtccccagac	aacaagtata	taatgtctaa	ctcgggagac	tatgaaatat	tgtactggga	300
cattccaaat	ggctgcaaac	taatcaggaa	tcgatcggat	tgtaaggaca	tttgattgga	360
ccgacatata	cctgtgggct	aggacttcca	gga			393

<210> 628

<211> 233

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 628

ctggatttat	aaaatagttg	aatgacaaaa	gaagnntggt	ttgacagtaa	aaaaaagaca	60
ttatggacaa	aatatgcaaa	atgtgcaaag	aaaaaataaa	tttgatttag	aaaggtgggc	120
atttgatctc	tgagccctgt	gccatgtaac	attgccatgt	tctttcactg	ttgtttgaat	180
gttgtacccc	ancccttgac	tctggactta	aggcaagcta	tgactggctt	tgg	233

<210> 629

<211> 450

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 629

ccnggacaat	ntaggcagga	gaaggaaata	aagggtattc	aattaggaaa	agaggaagtc	60
aaattgtccc	tgtttgaga	tgacatgatt	gtatatctag	aaaaccccat	tgcttcagcc	120
caaaatctcc	ttaagctgat	aagcaactcc	agcaaagtcg	caggatacaa	aatcaatgga	180
cacaaatcac	aaacattctt	atacaccaat	aacagacaaa	cagaggccaa	atcacagatn	240
gaactctatt	ccaattgctt	tcaagaaaat	taaaatacct	agggatccaa	cttacaaggg	300
acatgaagga	cctcttcaag	gagaaactac	aaaccactgc	tcaatgaaat	aaaagaggat	360
acaaagaaat	ggaagaacat	tccatgctca	ttggtagctt	gatggggatg	gcattgaatc	420
tataaattac	cttgggcagt	atggacctca				450

<210> 630

<211> 486

<212> DNA

<213> Homo sapien

<400> 630

050301-050301

```

cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga      60
gctgttcctc tttggactaa cagttaaatt tacaagggga tttagagggg tctgtgggca      120
aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt      180
ttgtgcctc  tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt      240
agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggtctt ccttgcaaag      300
ttattttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct      360
tggttataat ttttcatctt tcccttgcgg tactatatct attgogccag gtttcaattt      420
ctatcgctta tactttattt gggtaaattg tttggctaag gttgtctggt agtaaggtag      480
agtggg                                           486

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<210> 631
<211> 211
<212> DNA
<213> Homo sapien

```

```

<400> 631
tttacataaa tattatacta gcatttacca tctcacttct aggaatacta gtatatcgct      60
cacacctcat atcctcccta ctatgcctag aaggaataat actatcactg ttcattatag      120
ctactctcat aacctcaac acccactccc tcttagccaa tattgtgcct attgccatac      180
tagtctttgc cgcctgcgat gcagcggtag g                                           211

```

```

<210> 632
<211> 293
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

```

```

<400> 632
cagcgcaagt aggtctacaa gacgctactt cccctatcat agaagagctt atcacctttc      60
atgatcacgc cctcatagtc atttttcctt atctgcttcc tagtcctgta tgcccttttc      120
ctaactca caacaaaact aactaatact aacatctcag acgctcagga aatagaaacc      180
gtctgaacta ngctgcccgc catcatccta gtcctcatcg cctcccatc cctacgcac      240
ctttacataa cagacgaggt cnacgatccc tcccttacca tcaaatcaat tgg                                           293

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<210> 633
<211> 263
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(263)
<223> n = A,T,C or G

```

```

<400> 633
nggtctgcag tgtccctttt tatatcatgc tagtggtgag acatacttga ctaacttggg      60
aacagttcga tatattgaca accgtcaact taagaaaatc aacagctttt ggccccagcg      120
tccaagtga cttttcatgg agtgcagaat ctcaaattga caaaatactt tgtcttttta      180
aatactgaaa attnaattat tagtactatg actgaaagat tcttcatggc taaaaagctc      240
tgcacaaac tcaattcagg agg                                           263

```

<210> 634
 <211> 491
 <212> DNA
 <213> Homo sapien

<400> 634

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttggactaa	cagttaaatt	tgcaagggga	tttagagggg	tctgtgggca	120
aattttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgccctc	tacctataaa	tcttcccact	attttgctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctggtttcg	ggggtcttag	ctttggctct	ccttgcaaag	300
ttattttctag	ttaattcatt	atgcagaagg	tataggggtt	agtccttgct	atattatgct	360
tggttataat	ttttcatctt	tcccttgccg	tactatatct	attgcgccag	gtttcaattt	420
ctatcgcccta	tactttattt	gggtaaatgg	tttggtctaa	gttgtctggt	agtaaggtgg	480
agtgggtttg	g					491

<210> 635
 <211> 270
 <212> DNA
 <213> Homo sapien

<400> 635

ccaattgatt	tgatggtaag	ggagggatcg	ttgacctcgt	ctgttatgta	aaggatgcgt	60
agggatggga	gggcgatgag	gactaggatg	atggcgggca	ggatagttca	gacggtttct	120
atttcctgag	cgtctgagat	gttagtatta	gttagttttg	ttgtgagtgt	taggaaaagg	180
gcatacagga	ctaggaagca	gataaggaaa	atgactatga	gggcgtgatc	atgaaagggtg	240
ataagctctt	ctatgatagg	ggaagtagcg				270

<210> 636
 <211> 383
 <212> DNA
 <213> Homo sapien

<400> 636

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttggactaa	cagttaaatt	tacaagggga	tttagagggg	tctgtgggca	120
aattttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgccctc	tacctataaa	tcttcccact	attttgctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctggtttcg	ggggtcttag	ctttggctct	ccttgcaaag	300
ttattttctag	ttaattcatt	atgcagaagg	tataggggtt	agtccttgct	atattatgct	360
tggttataat	ttttcatctt	tcc				383

<210> 637
 <211> 537
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 637

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ttttaatcct	ggggtatata	ggcagnactt	taaattgcaa	agtcttccgg	gcctattttc	60
ctctacattt	ttgtaattaa	ctctgggggc	ttacttggtt	tggcagtact	gaaatcaaag	120
gagctgggtc	ttctttttct	ccaattattt	tcatatgaaa	gcacctacaa	ttagcctggt	180
agtcctattc	agatacatca	aatatcagtg	aatgctttac	tattcgcaca	tttaagcatc	240
tttgttttac	ataaaattag	agtatgaaaa	ccagtgttca	atTTTTtatt	ttgttgagct	300
tgtaaaatgc	cagcaattta	aaactaggac	ttttccccc	ataagccaag	gaggtagaat	360
tactaataca	agggttaaag	aaggtagatt	ttgttttcaa	tatttgggta	atattagaaa	420
gattcttccc	acagggaaga	actagcaagt	gtcccaattt	tttccaaacg	ttggggaggg	480
gaaaattcac	tgtatcatga	aaccctaagg	gtttgngtgc	acttctgct	ttttagg	537

<210> 638
 <211> 445
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 638						
ccagcagaac	acagnagtga	tttgggtccc	tttgttcccc	agtgggggtat	ctatccttgt	60
gcagggcaca	agcctacatg	gtggctctgg	tcatatcatt	agaaaaataga	cagaaatggg	120
ctgcacacca	gaatgaatga	attgaattga	aaggaggagg	tgatggtgga	aaaaaaaaaca	180
agtcaattca	tttagactgg	tagaaccaga	accactgtgt	agtacatcca	aacggttaaa	240
attccctgga	agatgttaca	taatcctatc	atgggtgttta	tttatggaaa	tctatttttaa	300
aaattttatg	taatactgca	cagtctgttt	gcatgatgcc	ttgtacgtag	tagcaactca	360
gtaaaatactt	tttgaatgaa	ctagtatagt	attttaatta	gctagtcttc	gtgtactggt	420
acaaaagaac	agtgtcatct	tacag				445

<210> 639
 <211> 584
 <212> DNA
 <213> Homo sapien

<400> 639						
gcttgagtat	tctatagtgt	cacctaaata	gcttggcgta	atcatggtca	tagctgtttc	60
ctgtgtgaaa	ttgttatccg	ctcacaattc	cacacaacat	acgagccgga	agcataaagt	120
gtaaagcctg	gggtgcctaa	tgagtgaagt	aactcacatt	aattgcgttg	cgctcactgc	180
ccgctttcca	gtcgggaaac	ctgtcgtgcc	agctgcatta	atgaatcggc	caacgcgcgg	240
ggagaggcgg	tttgctgatt	gggcgctctt	ccgcttcctc	gctcactgac	tcgctgcgct	300
cggtcgttcg	gctgcggcga	gcggtatcag	ctcactcaaa	ggcggtaata	cggttatcca	360
cagaatcagg	ggataacgca	ggaaagaaca	tgtgagcaaa	aggccagcaa	aaggccagga	420
accgtaaaaa	ggccgcgttg	ctggcggttt	tccataggct	ccgccccct	gacgagcatc	480
acaaaaatcg	acgctcaagt	caagaggtgg	cgaaaccoga	caggactata	aagataccag	540
gcgtttcccc	ctggaagctc	cctcgtgcgc	tctcctgttc	cgac		584

<210> 640
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 640						
ccataggaac	gcactcaggc	aggtgggttg	ttctggatgc	agaaaccaga	gatctagttt	60


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<210> 641
<211> 138
<212> DNA
<213> Homo sapien
```

```

<400> 641
acagg aacattacct gaagtgcagg gtggttacct gcacaaagtc ccattttcaa      60
ctgt gtaattcacc agaaattttg gatggaataa ttagaaaaaa aaaaagaggt      120
entgt aactcaaa                                     138

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<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G
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```
<210> 643
<211> 403
<212> DNA
<213> Homo sapien
```

<400> 643						
ccttcctaaa	aaatagtggg	gagctggagg	ctacttccgc	cttccttagcg	tctgggtcaga	60
gagctgatgg	atatcccat	tggtcccgac	aagatgacat	agatttgcaa	aaagatgatg	120
aggataccag	agaggcattg	gtcaaaaaat	ttggtgctca	gaatgtagct	cggaggattg	180
aatttcgaaa	gaaataattg	gcaagataat	gagaaaagaa	aaaagtcatg	gtaggtgagg	240
tggttaaaaa	aaattgtgac	caatgaactt	tagagagttc	ttgcattgga	actggcactt	300
attttctgac	catcgctgct	gttgctctgt	gagtcctaga	tttttgtagc	caagcagagt	360
tgtagagggg	gataaaaaga	aaagaaattg	gatgtattta	cag		403

<210> 644
 <211> 688
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(688)
 <223> n = A,T,C or G

<400> 644
 cctattttatt tgttttggcc ctggatcttt cctaatacaca attatatattc tttattttttg 60
 cctttgagca gtttcattta tctttgtggg cagggaagat taaatatgaa attcagttcca 120
 gtcattttgc tactggtttag cttagtttg aggcaagtaa aaatttttga ttaaaatttag 180
 tttcttaaaa ttatgccctt gctttaccaa ataatacaat tggctaataa ataagggtat 240
 gtaactttgc attttgaaga acaaaccaat aatttttcat gagccctact cgatcttctt 300
 taaagaagac cttcctaaga gacaattagg gatgagtttg attaattgga aatagctcta 360
 ggtagatta ttttaaattc catacaccaa gtgatttaac cacagtggca gtggcagctt 420
 ctgaaccgtc aagtatgaac atcacttaaa aattaaaaga tgcttaataa taaactctta 480
 attttcatta agccaatctg taattcagaa gaaaagcata tgtctgccat gggactattg 540
 cagtgcgtct ccatcagtg taacacagga gagatatgtt attttatgtg tatgtcttag 600
 tttgggatat gtggtagtaa gaacatgtca agagtgtctt tcttcaaacc tgnacagctca 660
 actgangaaa gacaggtact tccattgc 688

<210> 645
 <211> 484
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 645
 ccaaattgtgt ctccagccca cacttccagg tggcagagcg agctctctat tactggaata 60
 atgaatacat catgagttta atcagtgaca acgcagcgaa gattctgccc atcatgtttc 120
 cttccttgta ccgcaactca aagacccatt ggaacaagac aatacatggc ttgatataca 180
 acgccctgaa gctcttcatg gagatgaacc aaaagctatt tgatgactgt acacaacagt 240
 tcaaagcaga gaaactaaaa gagaagctaa aaatgaaaga acgggaagaa gcatgggtta 300
 aaatagaaaa tctagccaaa gccaatcccc aggtactaaa aaagagaata acatgaaaac 360
 gccagggtt acttgaatgt ttttataaga taggaatata tgtcttcacc atgggggggg 420
 gtctcggatt tcactaacgt tgtatatgaa aatgggtgcn ataaaaagta cttttaaact 480
 ttgt 484

<210> 646
 <211> 447
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(447)

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<223> n = A,T,C or G

<400> 646

gggtcgcgtt	gaacaacttg	gttcaagatg	gtgggggcat	ttttagagcg	gcaataattg	60
aaaaaaaaag	cgaactctgc	cttggagagg	tagatgataa	gaaataaaaa	ggtgtttata	120
actattttgt	attataaaagt	gggccttaga	gataggaaga	agaatgatgg	attccttttg	180
gatcaatcag	aaaggaaaca	cgaaagaaaa	gtcaggaagg	tagagagaga	aaaagggagg	240
gaaggagaaa	gaatgggaat	aaaataagga	ggtaagagat	actatttttg	ctgagcaacc	300
agtgtgtttc	aggatgatac	aaagaaaaat	atagaataga	aataagtgca	ggcttggaat	360
cagctacaaa	tcctaaagat	gggtgtgtgt	tggatgtgtg	tgtgtgtgtg	tgnacaccat	420
tgtgtgtttg	taaaatgtgt	atgtccc				447

<210> 647

<211> 388

<212> DNA

<213> Homo sapien

<400> 647

gaaggtgata	taaaatgact	gtcatcattt	ggagtgtgca	gtacagttac	ttcatgttcc	60
tcaggttttag	aacaattttcc	cctgcaagtt	ctcacacaga	taggcagaaa	tcataactaa	120
ttttggttaa	tcactatggc	agccgttgaa	gaatttaaga	gaacctgcca	gtaagatttg	180
gaataagatt	ctatatattt	gcatccacag	aaaagaatgt	actgatatac	tataaactct	240
aggagaaaac	ttaattgaaa	tagtgttatt	aagtgttgaa	agtaccataa	aaatataagg	300
gaaaataaag	tttcctagaa	tttttcagtg	ttctagtttt	taaacagtga	tggtttttat	360
taacctattt	catccattca	aagacagg				388

<210> 648

<211> 632

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 648

cctggctggg	cntttgacct	gcgnttttaa	atnactcaca	gaggggtgga	caggaggaag	60
agtgaaggaa	aaggtcaaac	ctgttttaag	ggcaacctgc	ctttgtttctg	aattgggtctt	120
aagaacatta	ccagctccag	gtttaaattg	ttcagtttca	tgcagttcca	atagctgata	180
attgttgaga	tgaggacaaa	atcctttgtc	ctcactagtt	tgctttacat	ttttgaaaag	240
tattattttt	gtccaagtgc	ttatcaacta	aaccttgtgt	taggtaagaa	tggaatttat	300
taagtgaatc	agtgtgacct	ttcttgtcat	aagattatct	taaagctgaa	gccaaaatat	360
gcttcaaaag	aagaggactt	tattgttcat	tgtagtccat	acattcaaag	catctgaact	420
gtagttttcta	tagcaagcca	attacatcca	taagtggaga	aggaaataga	tagatgtcaa	480
agnatgattg	gtggagggag	caaggttgaa	gataatctgg	ggttgaaatt	ttctagttnt	540
cattccgtac	atttttagtt	agacatcaga	tttgaaatat	taatgttacc	tcctcaatgg	600
ggtggtatca	gacctgccc	ggcggncggn	tc			632

<210> 649

<211> 300

<212> DNA

<213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 649
 nggtgaagat agaanaaata taagcgaaat tggataaaat agcactgaaa aaatgaggaa 60
 attattggta accaatttat tttaaaagcc catcaattta atttctgggtg gtgcagaagt 120
 tagaaggtaa agcttgagaa gatgagggtg tttacgtaga ccagaaccaa tttagaagaa 180
 tacttgaagc tagaagggga agttgggttaa aaatcacatc aaaaagctac taaaaggact 240
 ggtgtaattt aaaaaaaact aaggcagaag gctttggaag agttagaaga atttgggaag 300

<210> 650
 <211> 498
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 650
 ngtnctgnta aacagaaggg tacaangccc ttctggcttt aagcagtcac aggaatgtga 60
 cagacattcc tcttagggag cgcctcctcc taggggtttcc tcatctgtct cactactgagt 120
 ggatgtaatg ctattttaat cctgctgtgg cccccaatac tagtacttgt ccataccttc 180
 ttgcattttt agcgtctgct ctgtgggggtt gttaggccct ggcaactcca ggaactagt 240
 ctaaagctgc atctntctct cccctctagg gatcgataaa gtttactgc agaaagtctc 300
 cactgcggta tgcagacatc tgccctgaac ctaccacctc cagcattaca ggctttaatc 360
 agattctgct ggaaagacac aggtgatcc acgtgacctc ttctgccttc actgggctgg 420
 ggtgatcctt ggtgcctttg tttccacaag gccttttctt gccccctgcc ttgccaaaga 480
 catttaatca gcacacag 498

<210> 651
 <211> 654
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 651
 ctgagggtcc ccagggtttct aaagctctca ggacgagaaa gtaggtccca agataaggag 60
 cctaaagggc ttttttcttt ctgtgtattc cttcttggtc tccaacatgg gtacagtcac 120
 aagagcatgt aacagagaag aaggactana cctaccattt tctggataaa gaattggaaa 180
 gaggatccac aggtaaacca aaagtaccag ggaaatggca gagaaggaaa acctcaggag 240
 accaacctca taagtgggtat ttattagngc ctgggctcaa atccaaattg tacatgaata 300
 tgtctgggtc tagatagggt accgaagact ttgaaagtga attttggtat atcattgcc 360
 agattccaga ctggntattg tgtgacacaa catacaggat atatctgaat agtgctcaga 420
 agagtttgaa aatgcaaattg atattaaaat aaagatgaaa aagagaaaagc tggtcagaac 480
 ttgtggacat aacccttctg gatctgtngc ctgattaaaa aatagttgat attctcgaat 540
 gaattaaaac aagatttaga gactgagcat ggtagctnat tcttgtaatc caacnctttg 600

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ggagggcaag gcaanagaat tgcttgccgc caggagtttt gagaccagct tggg 654

<210> 652
 <211> 293
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 652
 ngctctgttgc actgaggtga ctaaggatac attttgagga agtagctcca agaacatttc 60
 cattttcact gtgccttcac atacatctaa tggaaatgaa cagcaccctt catccatcca 120
 cggaagcgat taagaaaagg gtgggatgga aaaattaacc caacaatatt agatcaatac 180
 gtagtattta agngtccata atgtgccagg ctgaagatgc acgggaaaac cacactagcc 240
 ggtctgtcaa gggcttgaga ataccataaa caagaaaaca gacgaaccaa ttt 293

<210> 653
 <211> 294
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 653
 ngtcaccac tgcagcccta catacagttg aaaaaaaatt ccattctgtt aacattttgtt 60
 ttataagttt tcacgcaata cacaaaaaac ccctctgcac ttcttgtaaa gaacaaaaaa 120
 gatacacaac agttaagcgt aaagatcaca ggcaatagca ttcaaacatg gatgtgggta 180
 gagaaaggag tacctggcat gagtacctgc ttagtttgac tgaatccttg atttttaatt 240
 tggcttttca tgggcccgtc acaacaccaa cgctgtgtga ggtatggtag tcag 294

<210> 654
 <211> 250
 <212> DNA
 <213> Homo sapien

<400> 654
 ctgtccttga acaagtatca atgtgtttat gaaaggaaga tctaaatcag acaggagtgtg 60
 gtctacatag tagtaatcca ttgttggaat ggaacccttg ctatagtagt gacaaagtga 120
 aaggaaattt aggaggcata ggccatttca ggcagcataa gtaatctcct gtcctttggc 180
 agaagtcct ttagattggg atagattcca aataaagaat ctagaaatag gagaagattt 240
 aattatgagg 250

<210> 655
 <211> 494
 <212> DNA
 <213> Homo sapien

<400> 655

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ccattataat tttataaac cattaccctt taaattctac cgattataag cagcgtaaaa      60
gtaactatat aaagcaaaca tcgcaaagga actctgcagg agctcttaat tcctttatgt      120
agctatcata aaattcactt tcctgaagac atttactctc attcacttcc aaactccaaa      180
cctttttctg gtagcaccac ttttgTTTTT aatagaaaga tgagttcata tctgtacatc      240
tctccaaagc tctaaggaat gagaaaagga tcctagtata ttgaaattac tgatgtttaa      300
tacctctgcc ttttactaa aagccattta atatttttaa agtcaaaact tgacatacag      360
gtatttataa ggaatctcca tgactctgaa ggaatgaaat tgatgtaggt agctttggct      420
atgtaaagac atagtagagg acaattactt aaagaagagt tttcttttga ggattttag      480
attgactaa gcag                                         494

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<210> 656
<211> 477
<212> DNA
<213> Homo sapien

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<400> 656
cgcgttactg tacatattgc tagcaggaga caactggaaa tactaaacaa atactggaat      60
tcacattaca gacagacgaa accaacaagg atgccacaca taacttcctt tgtagtttca      120
cagagggcct atttgtggtt gctcagggtg ggtcacatcat tgcttgacaga aatggcctga      180
tcatagctct atgaaacaat gaattcggaa tgaaatctta ccatgacacc tctctgtagg      240
aaagaaatgt tgcttcacgt gtgctaagtt gagataataa tatttcacat atttatatac      300
agagaatcac tctcaaattt aacccaagat aagcaatagg atttgggggt gacttgtaca      360
catttctaac aacacttttc ttttttctag aggtcactct caaacactga tatatcacta      420
tagtttgagt gtagggattc agtaatcaaa ggttggttatt gcaaaagagc caggcag      477

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<210> 657
<211> 576
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

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<400> 657
cctctacctg tanatcacta tttttctaaa gacaatttgg tgttttgaag ataaatgtca      60
ttagtctatg ataatagcat cataggacaa ttagccattt tagacttgac catattttct      120
cttttttagca tatagccatc ttgatattta ggtgggagac tactccaatg gagcaacagt      180
ttcattttac atgattggat ttagaaattt acaaatttta aactcataag aattctaaat      240
aatttgaaaa tggaaacatt tgaccacag tctagcagca taaatacatt tataaaatac      300
ttcattgttg atcttaggtc attgatttaa aacagaattt ggtgactatg ggcagggtga      360
gggggccagt gaggaaggta taaaagagaa atctttatga attgtgttca gattgatttt      420
gtataaacat aatatattca tggttgatc tcttatttat aataccaac taacatgaag      480
gtggtccaag ggaaggatca atatttttaa taacatattt gcttaaaata tcatacagt      540
gctgcttcat aaaaaatctt ataaactttt attacc                                         576

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<210> 658
<211> 344
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature

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<222> (1)...(344)

<223> n = A,T,C or G

<400> 658

cctgaaaaga aagntgctct tatggactct tgcattgttaa gactatgtct tcacatcatg	60
gtgcaaatca catgtaccca atgactccgg ctttgacaca acaccttacc atcatcatgc	120
catgatggct tccacaaagc attaaacctg gtaaccagag attactgggtg gctccagcgt	180
tgtagatgt tcatgaaatg tgaccacctc tcaatcacct ttgagggcta aagagtagca	240
catcaaaagg actccaaaat cccataccca actottaaga gatttgcctt ggtacttcag	300
aaagaatttt catgagtgtt cttaattggc tggaaaagca ccag	344

<210> 659

<211> 230

<212> DNA

<213> Homo sapien

<400> 659

ctgctttccc tgctaaacag ttccagagca aaagcagcaa aaagaaaata tgggagggat	60
atgggcaacg tatactcgaa cgtacgcaga gaagagagta cggtagctc taatatttct	120
cattgaactt ggtggatgt gccttccctg catataaggc catagtgtt ttttgggagc	180
gctagaatat ccatccactt gacagtgacc acaaaatagg ctgtttccag	230

<210> 660

<211> 80

<212> DNA

<213> Homo sapien

<400> 660

ctggctccttg ttaaactcga tcaccacttt ggagagatcg actggaggct cctgggtgtt	60
ctgagggggcc tgggggacag	80

<210> 661

<211> 535

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(535)

<223> n = A,T,C or G

<400> 661

ctgaaccata tctgattaac tctttgggtct ctgttatttg aacaaaaccg acgctatgcc	60
tgagccgcc agactgcaac caaaaacaca gtttgggggtc agaagacatt aaaaatcaca	120
ataaaatagg atgaatgttc taagtacgcg aactgaatca aggcacctt ttttttcaaa	180
agcaaaaagt tgtttaacaa tattccagaa tagtagatac ttcaaaaacc agattacagt	240
atatatcatt ttgctgcaca ttttagtcta ttttctgtat acatagtac acattcttta	300
ccctctccca acttatacat gctttatccc cccagtcagt tgctatgtag gtataaaaaa	360
ataaagtgtt atctaaacaa gtgatttaaa aaaaaaaact aacgaatgcc ncnatnataa	420
cnetgaactt gtttccctnt tgaaggacat tggaaatgtt accgaggttn ntttacctng	480
gccgcaaccn cnetangggc naattccagc ncactggggg ccgttactag gggat	535

<210> 662

<211> 257

<212> DNA
<213> Homo sapien

<400> 662

cctgactaaa	gcacatatca	cactccctac	acttccatgt	tttctctccc	atgtggaccc	60
tctgatgcat	atcaagattc	aagcgctgt	tgtagccctt	cccacagtcc	tcacatttgt	120
atggcttttc	tacactgtga	actttttctt	gcactttaga	gaatgaattc	tgtacaatgt	180
tcttcccatg	ctgctcacat	ttgagaggtg	tttctctgct	gtggcgtctc	tgatgggtca	240
gacgagttga	ggaccag					257

<210> 663
<211> 516
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(516)

<223> n = A,T,C or G

<400> 663

ccaattatag	gtatttttatt	ttttaaagat	tagagngttc	ttgaagctct	ttctatttct	60
ttgtcaatga	actaaacatt	ggcaaataatg	tagggtttcc	cacataagaa	cattattaac	120
atcaaaaatag	aaagctgggtg	gtagaaataa	tgattgggaa	cacagagtct	ctactcagcg	180
ttctacttct	gccataccat	aactttgtga	tctcacgaaa	tatctctcca	tgttctcatc	240
cctatgtata	gttctgtcat	ttttcaataa	gagctttttg	cttaattatg	aagtactagt	300
tactataacc	attattttga	gcttcatgta	aatcaagaac	acatggactc	cacttgcaaa	360
acattgaaaa	tgtagttagg	gattgggggc	aaaaagcaac	attttaaaat	gtgtaaagac	420
aatgagtaag	caacaaagtg	tccaattttt	taggcgaaag	ttgcatatgt	caggaaaagg	480
caggattaag	taatagagaa	tttgaatgat	aactgg			516

<210> 664
<211> 212
<212> DNA
<213> Homo sapien

<400> 664

gtccgaggag	gttagttgtg	gcaataaaaa	tgattaagga	tactagtata	agagatcagg	60
ttcgtccttt	agtgttgtgt	atggctatca	tttgttttga	ggttagtttg	attagtcatt	120
gttgggtggt	aattagtcgg	ttgttgatga	gatatttgga	ggtggggatc	aatagagggg	180
gaaatagaat	gatcagtact	gcggcgggta	gg			212

<210> 665
<211> 408
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 665

atccaggggt	ncccggtngc	tgcnnggaaa	cctccagcct	tgttottcaa	accaactcagc	60
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tcattgtgttt	tgcgctgact	agtactgaat	aatacaacca	ctcttatttta	atgttagtat	120
tattttatttg	acaactcagt	gtctaacagc	ttgatatgca	ggtccttgca	tcctacattt	180
cttttaggaag	ttacccattt	gtaactttta	aaacaggaaa	aatatcagtt	ggcaaagtga	240
atctttttttt	tttttaagct	aaaggggggn	naacngnaan	naaaatnttt	ntgangtngg	300
gtctataagc	acccttgang	ggatntgtta	aaagnncat	naanggggga	ttctcntttt	360
gcaaaaaaat	ntaannatca	atttatanan	ctttattttt	nactttnt		408

<210> 666
 <211> 635
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

ctgaagnaca	agggtcaggc	aaaaataaga	tcacaatcac	caatgaccag	aatcgctga	60
cacctgaaga	aatcgaaagg	atgggttaatg	atgctgagaa	gtttgctgag	gaagacaaaa	120
agctcaagga	gcgcattgat	actagaaatg	agttggaaag	ctatgcctat	tctctaaaga	180
atcagattgg	agataaagaa	aagctgggag	gtaaacccttc	ctctgaagat	aaggagacca	240
tggaaaaaagc	tgtagaagaa	aagattgaat	ggctggaaag	ccaccaagat	gctgacattg	300
aagacttcaa	agctaagaag	aaggaactgg	aagaaattgt	tcaaccaatt	atcagcaaac	360
tctatggaag	tgcaggccct	cccccaactg	gtgaagagga	tacagcagaa	aaagatgagt	420
tgtagacact	gatctgctag	tgctgtaata	ttgtaaatac	tggactcagg	aacttttgtt	480
aggaaaaaat	tgaagaagact	tanctctoga	atgtcattgg	aatcttcacc	tcacagtggg	540
gttgaaactg	ctatagccta	agcnggctgt	ttactgnttt	ncattagcag	gtgctcacca	600
tgtctttggg	gtggnggggg	ggagaaagaa	agaan			635

<210> 667
 <211> 388
 <212> DNA
 <213> Homo sapien

gaaggtgata	taaaatgact	gtcatcattt	ggagtgtgca	gtacagttac	ttcatgttcc	60
tcagggtttag	aacaatttcc	cctgtaagtt	ctcacacaga	taggcagaaa	tcataactaa	120
ttttggttaa	tcactatggc	agccgttgaa	gaatttaaga	gaacctgcca	gtaagatttg	180
gaataagatt	ctatattatt	gcacccacag	aaaagaatgt	actgatatac	tataaactct	240
aggagaaaac	ttaattgaaa	tagtgttatt	aagtgttgaa	agtaccataa	aaatataagg	300
gaaaataagc	tttcttagaa	tttttcagtg	ttctagtttt	taaacagtga	tgttttttat	360
taacctattt	catccattca	aagacagg				388

<210> 668
 <211> 498
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

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<400> 668

tgatcttaac	aaaatcgtg	gcagtggaa	cttgaaatgc	atgtggctag	atztatgcta	60
aaatgattct	cagtttagcat	tttagtaaca	cttcaaagg	ttttttttgt	ttgttttcta	120
gacttaataa	aagcttagga	ttaattagaa	gaagcaatct	agttaaattt	cccatgtgta	180
ttttattttc	ttgaatactt	ttttcatagt	tattcgttta	aaaagattta	aaaatcattg	240
cactttggtc	agaaaaataa	taaatatatc	ttatgaatgt	ttgattccct	tccttgctat	300
ttttattcag	tagatttttg	tttggcatca	tgttgaagca	ccgaaagata	aatgattttt	360
aaaaggctat	agagtccaaa	ggaatgttct	tttacacca	ttcttccttt	aaaaatntct	420
gaggaatttg	ttttcgctt	actttttttt	cttctgtcac	aatgctaagn	ggtatccgag	480
gtnttaata	tgagattt					498

<210> 669

<211> 622

<212> DNA

<213> Homo sapien

<400> 669

ccttagccaa	agaatgcagt	ggagccttcc	cccttcaact	gcattgtgaa	tgaataccaa	60
ttaacagcat	aaaaattaat	agtcccatat	cagatctgga	aggggtttct	ggggctgtct	120
gatgtcccta	tcctgtttgta	gtgaacacaa	tagcagaaaa	ttctttctgg	gtccatctgc	180
tataaagtct	tggtaaaaa	gcattactat	gaagaggatg	aactcaccta	ccttcagatg	240
gaggaaaagt	gaaaaggact	taggctttag	tcctccatga	cttttcttaa	gcactaccta	300
cctgtaataa	gctgagtgca	aaaggatgcc	gaagaaaatc	tgcaaccaga	agctgttaga	360
aagcactgca	gagaacaggg	tatgaagaaa	ataaagagtt	cttaataaac	cottaagatt	420
ctttgttcaa	ggtaaccttg	ccaaaagggc	agagttagtg	gcaaagagtt	gcttttaatc	480
tagctctaca	ctgcatttga	aaataaaaatt	tgcccatttt	gaatatattg	tttataatta	540
aatgtgcttt	ttacactgca	ggtcaatata	aaaactgggt	agtaaatttc	cagcgagcat	600
ttatgttcat	ttgctcacag	ca				622

<210> 670

<211> 477

<212> DNA

<213> Homo sapien

<400> 670

ttgggccctc	tagatgcatg	ctcgagcggc	cgccagtgtg	atggatatct	gcagaattcg	60
cccttgccgc	ccgggcaggt	gatggatgag	gagcaaaaac	tttatacgga	tgatgaagat	120
gatatctaca	aggctaataa	cattgcctat	gaagatgtgg	tcgggggaga	agactggaac	180
ccagtagagg	agaaaataga	gagtcaaacc	caggaagagg	tgagagacag	caaagagaat	240
atagaaaaaa	atgaacaaat	caacgatgag	atgaaacgct	cagggcagct	tggcatccag	300
gaagaagatc	ttcgaaaga	gagtaaagac	caactctcag	atgatgtctc	caaagtaatt	360
gcctatttga	aaaggttagt	aaatgctgca	ggaagtggga	ggttacagaa	tgggcaaaat	420
ggggaaaggg	ccaccaggct	ttttgagaaa	cctcttgatt	ctcagtctat	ttatcag	477

<210> 671

<211> 127

<212> DNA

<213> Homo sapien

<400> 671

gtgtgtgtgt	ctacttgggc	gtgtttaacg	tgtgcgtttg	tgtctgcgtg	tgcatgtgtc	60
tgtgtgtgcg	cgtgtatttc	agtttgggtt	gccggatccc	atatgattgc	gtgcctgtgt	120
acctgag						127

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<210> 672
 <211> 400
 <212> DNA
 <213> Homo sapien

<400> 672
 gggctctgcac agctatgtta acagcatcct tataccagga gtaggaggaa agacacgact 60
 ggaaaagcaa ttcaagctgg tcacacagtg taatgcaaaa tatgtggaat gtttcagtg 120
 tcagaaagag tgtaacaaag aaaagaacag aaactcttca gttgtgccat ctgagcgtgc 180
 tcgagtgggt cttgcacat tgcctggaat gaaaggaaca gattacatta atgcttctta 240
 tatcatgggc tattatagga gcaatgaatt tattataact cagcatcctc tgccacatac 300
 tacgaaagat ttctggcgaa tgatttggga tcataacgca cagatcattg tcatgctgcc 360
 agacaaccag agcttggcag aagatgagtt tgtgtactgg 400

<210> 673
 <211> 600
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 673
 ctggcggttg tcattagtga atgtatgaca gcaggatgtg aggggatgcc caggagtcag 60
 tgtagcatt gtcactctgag atcactgcta ttaatatcat ccattaattt attagtgagc 120
 ttactatat gcagactggg agataaggag aaaatctgtc acattctctc tagctaatac 180
 gatcagctac caattaatga gattctgaat gaaatatcaa tatgtgtttt tctaatttgg 240
 acctaggaca gagctgttgc ttgtcataga gaaaaacaat aatgcttaaa catagcacat 300
 tataattaaa gcaggtttct cacatacttt tcattttata ctttggataa ttttgtgagg 360
 aacgcaggac accaacttcc ctttcataga tacaatcccc atgctattga tgaaagtgtt 420
 tttgaatgaa gccatacaac aaataactga tcaaagtggc attacaccaa aatttcttag 480
 taggactcct gcatagaatg tttagataga cgtgaaaagt ttgttcanga ggaccagcaa 540
 gagagaaact gggttctttg ggagggtttc ggtgctacat ttataccctn catcagagtn 600

<210> 674
 <211> 140
 <212> DNA
 <213> Homo sapien

<400> 674
 ggtgggttgg gtaaatgagt gaggcaggag tccgaggagg ttagttgtgg caataaaaat 60
 gattaaggat actagtataa gagatcaggt tcgtccttta gtgttggtga tggctatcat 120
 ttgttttgag gttagtttga 140

<210> 675
 <211> 245
 <212> DNA
 <213> Homo sapien

<400> 675
 gttgggtggg ttggtgtaaat gagtgaggca ggagtccgag gaggttagtt gtggcaataa 60
 aatgattaa ggatactagt ataagagatc aggttcgtcc tttagtgttg tgtatggcta 120

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tcatttgttt tgagggttagt ttgattagtc attgttgggt ggtaattagt cggttggtga 180
 tgagatatatt ggaggtgggg atcaatagag ggggaaatag aatgatcagt actgcggcgg 240
 gtagg 245

<210> 676
 <211> 621
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 676
 ctgtccccag ggnaaatagt ngaattcaac taagatctgt taataagatg tcagaataac 60
 taataatttt attaggaaaa aatcatgttt taaatttcaa aatgacactt atttgtcaag 120
 taatatgatac ttggaaaatt ttaaagaaaa ataatcctac ttataaacta cttttttata 180
 attgttttca gaaaaaaagt ttacagtctt aaggaaaata ttcaggtcta tcatatgggt 240
 tgacagattt tttaaaagtt atttttggta aggtcttctt ttagaaaaaa attaatctca 300
 aggggttttt gtaccactat aatctctaata acttactcag aattactgtg tatttactta 360
 atttcttatt atgtgcctta ttatgtgctt aagatacaat aggttagagt ttaatctaaa 420
 tatcttgaaa gctatatattt gggcttggta agcattttgt tttttctttc tctgttttgg 480
 taaggattta aaattttttt cattgcaatt ttaagtgggt ttcaataagt aatagttttt 540
 atcaaatttt tgggtgcttg tgcagagacg gcgtggggaa ggggtgaatgg ttttggaat 600
 aattcagtgc acacctgggg g 621

<210> 677
 <211> 210
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 677
 tttacataa atattatcag catttaccat ctcaattcta ggaatactag tatatcgctc 60
 acacctcata tctccctac tatgcctaga aggaataata ctatcactgt tcattatagc 120
 tactctcata accctcaaca cccactccct cttagccaat attgtgccta ttgccatact 180
 agtctttgcc gcctgcgaag cagcggtagg 210

<210> 678
 <211> 383
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 678

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```
<210> 679
<211> 371
<212> DNA
<213> Homo sapien
```

```
<210> 680
<211> 176
<212> DNA
<213> Homo sapien
```

```
<210> 681
<211> 152
<212> DNA
<213> Homo sapien
```

```
<210> 682
<211> 141
<212> DNA
<213> Homo sapien
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```
<210> 683
<211> 308
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<212> DNA

<213> Homo sapien

<400> 683

ccagcaatgg	tacagagtga	gggtgttctg	ctaatagactt	cagagaagta	tttaagaaaa	60
acatagaaaa	acgtgtgcgg	agtttgccag	aaatagatgg	cttgagcaaa	gagacagtgt	120
tgagctcatg	gatagccaaa	tatgatgcca	tttacagagg	tgaagaggac	ttgtgcaaac	180
agccaaatag	aatggcccta	agtgcagtgt	ctgaacttat	tctgagcaag	gaacaactct	240
atgaaatgtt	tcagcagatt	ctgggtatca	aaaaactaga	acaccagctc	ctttataatg	300
catgtcag						308

<210> 684

<211> 277

<212> DNA

<213> Homo sapien

<400> 684

tggtattagg	attaggatgt	gtgaagtata	gtacggatga	gaagggtggg	gaacagctaa	60
ataggttggt	gttgatttgg	ttaaaaaata	gtagggggat	gatgctaata	attaggctgt	120
gggtggttgt	gttgattcaa	attatgtgtt	ttttggagag	tcatgtcagt	ggtagtaata	180
taattgttgg	gacgattagt	tttagcattg	gagtaggttt	aggttatgta	cgtagtctag	240
gccatatgtg	ttggagattg	agactagtag	ggctagg			277

<210> 685

<211> 457

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 685

ctgtggcgtn	ccctacttct	cccaaacctc	gcaactccct	cccaggacag	tcagtgccaa	60
agaaacaggt	cgctgaaaac	taaaatgtcc	acatcccctaa	ctggcaaccc	acatcaaccc	120
caaaagggtg	aagaatcatc	taagatattt	cagatgctct	atgaagaaat	tcactttaac	180
acttataact	gtaagacttt	gcatacatta	caacagtgc	ttagtgtatac	aagttgtaaa	240
atacgtttcc	attccttttg	attttgcata	tgatggtttt	gcatcagtca	ctgcaggtag	300
attgagcaag	ctttttgtgt	ttgttttttt	aaacatgcat	tcaactagat	atgattcaga	360
atagattaat	actccctttt	tatcactaca	gtagctaaa	aaattgccag	gcagtccaca	420
aaacagaatt	tgctttaaga	ccaaccaca	gagtcag			457

<210> 686

<211> 234

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(234)

<223> n = A,T,C or G

<400> 686

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```

ntggatttat aaaatagttg caatgacaaa agaagtatgt tttgacagta aaaaaaagac      60
attatggaca aaatatgcaa aatgtgcaaa gaaaaaataa atttgatta gaaaggtggg      120
catttgatct ctgagccctg tgccatgtaa cattgccatg ttctttcact gttgtttgaa      180
tgttgtaccc cagcccttga ctctggactt aaggcaagct atgactggct ttgg          234

```

```

<210> 687
<211> 315
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

```

```

<400> 687
nngtctgtga aaaactcttt ggatgattct gccaaaaagg tacttctgga aaaatacaaaa      60
tatgtggaga attttgggtct aattgatggt cgcctcacca tctgtacaat ctctgttttc      120
tttgccatag tggctttgat ttgggattat atgcaccctt ttccagagtc caaaccggtt      180
ttggctttgn gtgtcatatc ctattttgtg atgatgggga ttctgaccat ttatacctca      240
tataaggaga agagcatctt tctcgtggcc cacaggaaaag atcctacagg aatggatcct      300
gatgatattt ggcag          315

```

```

<210> 688
<211> 522
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(522)
<223> n = A,T,C or G

```

```

<400> 688
ctgaattaga ggaggagaaa agaagccatt nnggagtact ttaattgttt agatgtgaga      60
ggctgaatgt ttgggttaag atgttagttg tcagaatcat gagaaaaggt tttaagcaag      120
gggcatttct aattctaaaa ataacaacta ctggtattta ttgagcacta tctttttgtt      180
gggtactgtc taaagtactt gattttatfff ttaaaacctt acaaaaaaact tacaaggtag      240
gtactgaaag attcagtaat ttgttcaaag tcacacagca aataagcaac agactctgga      300
tttgaaccag gcaatcctag agcctgtact gttagtaatt atacttttagc acctgtcaag      360
aattcctgtt gagtgtcaag aagcaancac caagttagga tttaaagcaa acatgattga      420
agaatactgt ggtgtggttg acagtagtgc ctaagtctgt tttcagagtg aaaaatgaca      480
aattagattt taagtatggt ttggagataa tatcaggaca gt          522

```

```

<210> 689
<211> 158
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

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<400> 689
tctcaactta nntnatacc cacacccacc caanaacagg gtttgtagg nattgtttgc 60
attaataaat taaagctcca taggtcttc tcgtcttgc gtgtcatgcc cgctcttca 120
cgggcaggtc aatttactg gttaaaagta agagacag 158

<210> 690
<211> 300
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 690
tagaactcgt atttttaaac ttctattctc tanccttttc cactacatta tgacacaaga 60
ccctgcagaa agtcgtcttg aaaatatcag accatctctt acttgtccca tccaatctta 120
catcgaaatta tatgcaccct taaaagtta tttggagttt taaaaaactc tattagccca 180
aattacctga aataaaactcc tggcttggtc ccctaattgt tataaaaaat tgattgaaaa 240
tattcatttt aaaaatgaag ntcttgaatt tattttaaatt actgtcttgc agtgagttgg 300

<210> 691
<211> 305
<212> DNA
<213> Homo sapien

<400> 691
ctgttcagaa agctcattgg acctgggttt gaaaataaaa caaagttaaa accctgggag 60
gagttattgt gcagtgtgga gtactcaggc tttcttataa agaaaaaaaa agttatctgg 120
taccaaagtg tgcaacctac agaccctcag gtactgccct gtgacttctc tgtatgacat 180
cacaaggctg ccaagtgcct gtttttctag aactaggagt tggtagggtt tggctagtgc 240
tgaaaccatg cataggattg gtttactaaa ttaaacctt attacgtacg tcctccaaaa 300
gacag 305

<210> 692
<211> 582
<212> DNA
<213> Homo sapien

<400> 692
caggaaatgg ataaccattt taactgtatt ttttgcagcc cgtaccttct tgggaataca 60
attgtctaac tttttatttt tggctctggt gttgtggtgt gcaaaaactcc gtacattgct 120
attttgccac actgcaacac cttacagatg tggagatgt gaaatttgct atcaattatg 180
actaccctaa ctctcagag gattatattc atcgaattgg aagaactgct cgcagtagca 240
aaacaggcac agcatacact ttctttacac ctaataacat aaagcagggtg agcgacctta 300
tctctgtgct tcgtgaagct aatcaagcaa ttaatcccaa gttgcttcag ttggtcgaag 360
acagagggtc aggttaaggat gactgatagg aaatgttgg agttacgagt cacatcgttg 420
tctacaaatc catttaaatg gtattggagg gtgagtaaaa ccttgaatgt gaaaacttaa 480
gctgaaaaat tgtaaaaaa tttcacgcct accatgaata gatctgttcc tttctgtcca 540
caatgatttg tgtcatagac ataattgatc aatttgcaat tg 582

<210> 693
<211> 275

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<212> DNA
<213> Homo sapien

<400> 693

ccaattgatt	tgatggtaag	ggagggatcg	ttgacctcgt	ctgttatgta	aaggatgcgt	60
agggatggga	gggcgatgag	gactaggatg	atggcgggca	ggatagttca	gacggtttct	120
atttcctgag	cgtctgagat	gttagtatta	gttagttttg	ttgtgagtgt	taggaaaagg	180
gcatacagga	ctaggaagca	gataaggaaa	atgactatga	gggcgtgatc	atgaaagggtg	240
ataagctctt	ctatgatagg	ggaagtagcg	tcttg			275

<210> 694
<211> 397
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 694

nggtctgcat	ttttattgcg	atctgcagat	gaactggaaa	atctcatttt	acaacagaac	60
tgagacagac	gaccaccata	ttcactgagg	tctaaatttg	cagtttccac	taatgacatt	120
ttgatttccc	aacagagata	cttctgggtct	tactgcacag	tcttttaaga	gaaatacttc	180
cattatgccca	cattgtcctt	gatccgtaag	tgatgtgta	aggtgcttca	aagggaactct	240
gacctctgaa	gtacttgagc	tacttttagta	tgtccagcct	attgcttttt	gttttagtgt	300
gtcaccataa	atatcagggg	cataaaaaggc	tatctattct	taattcaagg	ataaaaacaga	360
agaagcttgt	ggtataaaac	aatagttcaa	gatccag			397

<210> 695
<211> 609
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 695

ctgagcttcc	atttgtcagc	tagcactgng	gtagtcaacc	atgcgaatga	ggctattttg	60
gacctcatga	ttgtccagtg	cctgggctga	taccngggga	aacgaaattt	tgtggctgcc	120
cacaaaatca	tggaaaataa	tgatttttta	gaaaacctcc	actgnnttgt	tgtgcagcaa	180
taaataactg	aaacaccaat	ccaaaaaact	tataaagcta	taacaattaa	aacagnataa	240
taatagtncc	gggatacaaa	aatgggtcaaa	ttgaagagga	tacaaagcct	caaagcagtc	300
ctcactcata	ananccttgt	tgtatcacta	aaanggcatt	aaaattgaga	anaaggaana	360
actagtggat	taattaataa	atgagaagta	tccataagga	aaaattaaaa	ttnnattctt	420
gcttcacatt	atgaaaaaat	acaaacaaca	gattgattaa	agacttaaat	gngatcaaca	480
aaatgttaaa	actgtgataa	gaacatttaa	gaaaatagtt	ctatnaccct	gggataaaac	540
attttcntcc	aaggcattaa	agtgttaaat	gaaaagactg	atncatttat	tcattagaat	600
ttaaattcn						609

<210> 696
<211> 300

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<212> DNA
<213> Homo sapien

<400> 696
ctgcaaaata agcgtgctaa attaaattgt cttaagggtt ttccacttca ttttgtgact 60
ttgtgtgggt cgaatttctc agtatttttaa ccagtgtggt gatgttaaag tcaaaggctg 120
cagtatgtct atattcttgc tgtactcatt ggtagtttca gtatatgtaa tgtgagttaa 180
aatagtgaat ttgtatctca tattaacatt tcaaatgctc atattgaaaa tggaaaatag 240
taaacacggg aattgatttt attctggttg tctataatac ttcattttta atgtaaatgg 300

<210> 697
<211> 391
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 697
nngtcatgtn tgatgnatct gancaggttg ctccacaggt agctctagga gggctggcaa 60
cttagagggt gggagcagag aattctctta tccaacatca acatcttggg cagatttgaa 120
ctcttcaatc tcttgactc aaagcttggt aagatagtta agcgtgcata agttaacttc 180
caatttacat actctgctta gaatttgagg gaaaatttag aaatataatt gacaggatta 240
ttggaaatgt gttataatga atgaaacatt ttgtcatata agattcatat ttacttctta 300
tacatttgat aaagnaaggc atggttggtg ttaatctggt ttatttttgn tccacaagtt 360
aaataaatca taaaacttga acaaaaaaaaa a 391

<210> 698
<211> 536
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 698
ctgagcatac agcaataaaa ataacataat ttttatgtgt acaatattta tggaatacgt 60
tactggaaca gataaataat ttagttaata acatgacaaa gaacagaaat tgtatacact 120
atacagcata gtaatagaat aatgaatgat taaagttatt aatattaggt agaaaatgaa 180
gggtatcttt gagagcagaa ctcaaggaag caagcaattt gccttatgag gaaagagtta 240
cctgtggata aaggagaaac tgaaaaattht acaagtcaag acttttttgag caaagacaaa 300
aatatgacta tgagtcacca attcagtaca gtgaaaaaaa agttgaagag atatcttgga 360
agtaaacat gttgtggaag agcaggggtt tgataatcat gggattattc tgaatgaatt 420
ttaaatgcga taggaatata tgagataatt tcaccagaga ataatatgat catgtttgca 480
tttcaaaggg gtgtatctgg tgcactgngt agaataaata ggntatgtga gcaagt 536

<210> 699
<211> 419
<212> DNA
<213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 699

ngtccacctg	agggcaggtg	acaaggacct	gacagagccc	atgcagggct	ttagatttgg	60
acacacaaga	gttgataact	tcctcatgaa	ctccttgcc	gatctaaact	catattatgg	120
gttctgactg	tttgagtaat	catcttcaag	gttaaaccctc	ttggcagtta	cccttttcac	180
aaagtgcaca	gtgggaatcg	agaatcgata	gggttaattt	tggagcagtg	gcttatacca	240
ttcacctctg	tttttttgtg	attatttcac	agataatgag	accttaataa	caaataggcg	300
taaaaaaatt	ttcacattga	aatgatagaa	acatttgatg	taataaaaact	tggttggtt	360
gatattttta	ggaattgaaa	cctagcaatc	ttattggaga	gacaagaatt	ggtctccag	419

<210> 700
 <211> 336
 <212> DNA
 <213> Homo sapien

<400> 700

ccactttattg	tccttaaaaa	tccatactga	tacatggaca	gtaagtgtgt	tttcagatgg	60
agtaccagca	ccgaaaatgg	gttgagggag	gatgggttgt	atgtatgttt	ctgcccacta	120
attttgagca	gccatattat	gaattaaatc	gtcacagcca	agtaataacc	caagaatggt	180
atgagtttca	tgtgtaatag	ctcaaaggga	ataagcatga	atgctggagt	ggaccattat	240
cctcaaatat	tctatgtcac	ttctcattta	aagactcttg	ttatgaacta	ttagaaaactt	300
taggcaaaat	caaaagtatt	tgcggcacaaa	ttaaagg			336

<210> 701
 <211> 418
 <212> DNA
 <213> Homo sapien

<400> 701

ccatgtgatg	atggtgacaa	cccctgaaga	gcctcagtc	attgttccac	gtttaagaac	60
taggaatacc	aggactgatg	caattctact	gggtcactat	cgcttggtcac	aagacacaga	120
caatcagacc	aaagtatttg	ctgtaataac	taagaaaaaa	gaagaaaaac	cacttgacta	180
taaatacaga	tattttcgtc	gtgtccctgt	acaagaagca	gatcagagtt	ttcatgtggg	240
gctacagcta	tggtccagtg	gtcaccagag	gttcaacaaa	ctcatctgga	tacatcattc	300
ttgtcacatt	acttacaaat	caactgggtga	gactgcagtc	agtgtctttt	agattgacaa	360
gatgtacacc	cccttgttct	tcgccagagt	aaggagctac	acagctttct	cagaaagg	418

<210> 702
 <211> 261
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 702

gggcctgttg	tgggggtggg	ggaagcaggg	aggggaacag	ctaaataggt	tgctgttgat	60
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<210> 703
<211> 261
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G
```

```
<210> 704
<211> 381
<212> DNA
<213> Homo sapien
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```
<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G
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<210> 705
<211> 477
<212> DNA
<213> Homo sapien
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<400> 705						
ctgaaccctc	gtggagccat	tcatacaggt	ccctaattaa	ggaacaagtg	attatgctac	60
ctttgcacgg	ttagggatcc	gcggcggtta	aacatgtgtc	actgggcagg	cggtgcctct	120
aatactggtg	atgctagagg	tgatgttttt	ggtaaacagg	cggggtaaga	tttgccagat	180
tcctttttact	ttttttaacc	tttccttatg	agcatgcctg	tgttggttg	acagtgaggg	240
taataatgac	ttgttggtga	ttgtagatat	tgggctgtta	attgtcagtt	cagtgtttta	300
atctgacgca	ggcttatgcg	gaggagaatg	tttcatgtt	acttatacta	acattagttc	360
ttctataggg	tgatagattg	gtccaattgg	gtgtgaggag	ttcagttata	tgtttgggat	420

tttttaggta gtgggtgttg agcttgaacg ctttcttaat tggtggctgc ttttagg 477

<210> 706
 <211> 266
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 706
 ccatggctag gtttatagat agttgggtgg ttggtgtaaa tgagtgaggc aggagtccga 60
 ggaggttagt tgtggcaata aaaatgatta aggatactan tataagagat caggntcgtc 120
 ctttagtggt gtgtatggct atcattttgtt ttgaggntag tttgattagt cattgttggg 180
 tggttaattag tcggttggtg atgagatatt tggagggtggg gatcaataga gggggaaata 240
 gaatgatcag tactgcggcg ggtagg 266

<210> 707
 <211> 358
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 707
 ccatcagaga aatgcaaadc aaaaccacaa tgagatacca tctcacacca gttagaatgg 60
 caatcattaa aaagtcagga aacaacaggt gctggagagg atgtggagaa ataggaacac 120
 ttttacaccg ntgggtgggac tgtaaaactag ttcaaccatt gtggaagtca gtgtggcgat 180
 tcctcaagga tctagaacta gaaataccat ttgaccagc cggccaatat tcaacattct 240
 taaaggaaag aattttcaac ccagaatttc atatccagcc aaactaagct tcgttagtga 300
 aggagaaata aaatacttta cagacaagca aatactgaga gatattgtca ccaccagg 358

<210> 708
 <211> 491
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(491)
 <223> n = A,T,C or G

<400> 708
 cctactatgg gngttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcctc tttggactaa cagttaaatt tacaaggga ttttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggttaggt 180
 ttgtcgctc tacctataaa tcttccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggctct ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360

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tggttataat ttttcatctt tcccttgcgg tactatatct attgcgccag gtttcaattt 420
 ctatcgcccta tactttatctt gggtaaatgg tttggcctaag gttgtctggt agtaaggng 480
 gagtgggttt g 491

<210> 709
 <211> 460
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 709
 nggttttttt tgtagagcaa ataatttatg caaaatatgt tacaaaaatct gggatgctaa 60
 atagttgaca caagtactgt gtttgacatt tagtttcatt tgaattagta atagaatttg 120
 ctcccttccaa catttacatc ttttttcttt ctgactttat atattttcaa taaaaatttg 180
 ctccacagtt tttaagntca ttcttcttga atccgntttt acatttgctg ngacaaacct 240
 gcataaaact agattttata gatataactt ctttggaaga gataaaaaatt caaaagtgtg 300
 acattgcttt canttattct tttcttcatt gttttgattg gccctgtta gattgatgta 360
 ttgccaatct acttttgatg gcatgaatnt aaaatgacaa cataaaaaagc ncttctagt 420
 caacagtaat tgaaacttgc agttttccat taaaaaaaaa 460

<210> 710
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 710
 ctgttacagt gacaagagat aaaaagatag acctgcagaa aaaacaaact caaagaaatg 60
 tgttcagatg taatgtaatt ggagtgaata actgtgggaa aagtggagt cttcaggctc 120
 ttcttggaag aaacttaatg aggcagaaga aaattcgtga agatcataga tcctactatg 180
 cgattaacac tgtttatgta tatggacaag agaaatactt gttgttgcat gatattctag 240
 aatcggaatt tctaactgaa gctgaaatca tttngnatgt tgtatgcctg gtatataatg 300
 tcagcaatcc caaatccttt gaatactgtg ccaggatttt taagcaacac tttatggaca 360
 gcagaatacc ttgcttaatc gtagctgcaa agtcagacct gcatgaagt aaacaagaat 420
 acagtatttc acctactgat ttctgcagga aacacaaaat gcctccacca caagccttca 480
 cttgcaatac tgctgatgcc occagtnagg atatctttgt taaattgaca acaatggacc 540
 tg 542

<210> 711
 <211> 394
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(394)

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<223> n = A,T,C or G

<400> 711

caaaccact	ccaccttact	accagacaac	cttagccaaa	ccattttacc	aaataaagta	60
taggcgatag	aaattgaaac	ctggcgcaat	agatatagta	ccgcaaggga	aagatgaaaa	120
attataacca	agcataatat	agcaaggact	aaccctata	ccttctgcat	aatgaattaa	180
ctanaaataa	ctttgcaagg	agagccaaag	ctaagacccc	cgaaaccaga	cgagctacct	240
aagaacagct	aaaagagcac	accgtctat	gtagcaaaat	agtgggaaga	tttataggna	300
gaggcgacaa	acctaccgag	cctggtgata	gctggtgtgc	caagatagaa	tcttagttca	360
actttaaatt	tgccacaga	accctctaaa	tccc			394

<210> 712

<211> 552

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(552)

<223> n = A,T,C or G

<400> 712

gagggtctgta	naatgccagg	ctcaaatttg	tctttataat	ttaataaccag	aaatctttcc	60
cttgtgatgt	ttctttcttt	ctggattgcc	tctatagcag	gggatagcgg	gggaggataa	120
ggcacatctt	tgntgtactg	agaaatttga	ccacgcagga	tgatgtggct	gttctcattc	180
atctgcacag	agaaaaataa	tgataaaata	tccctttcct	atgtttactg	attttatggc	240
tgccataatg	gaagcctcct	tgactattta	atcctttctg	tcaactaggt	tcgatttttt	300
ttttaattta	cctgttagag	gtatttaana	attttaacta	gctanaaata	attacattcc	360
aaaggaacac	caaggcaaat	aaatggttgg	taatcagcaa	aagaattaca	ttagttgttg	420
ntgctactta	ttagggggag	aactgttttt	ttttaaat	aaacaattta	ataatctcaa	480
ctgcaaataa	ttttagatgc	agcaaaggac	tatgtagncg	ttaataacctc	atgttgatat	540
tttcataata	tt					552

<210> 713

<211> 518

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(518)

<223> n = A,T,C or G

<400> 713

ccaaaaactg	gaagcagctc	actaaacaaa	cagtggcata	cccatagaac	tgcatacttc	60
tcagcagtat	gaaagaatga	gctacttata	taagcatcat	tgataaacct	caaaaaaaaa	120
atgccacatg	aanaaaccca	aagggganaa	acataaaaac	tttatatgtc	agtcataata	180
aattctanaa	aatgcaaact	aatccatcnt	aaaggaaagt	aaatcaacag	ttgtctggag	240
gaccananag	agcaggagga	ganagattat	taaaggggtt	aaagtaaatt	tgaggagtgc	300
cttcctnttt	taaatnctat	gaaaatgaaa	gtaaaggcnc	atgcatgttg	taaactaata	360
gtaacaaaca	naatgggttg	gagtgggttg	ttgtctgggg	acatcattac	aaaatgtaag	420
ccagtttatn	taaattttga	aaagaccgtg	gactctgata	tgactgatna	atgttggaag	480
agataagtgt	gctgcaaagt	ggggaattaa	taaaacag			518

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<210> 714
 <211> 281
 <212> DNA
 <213> Homo sapien

<400> 714
 ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
 gcatacagga ctaggaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
 ataagctctt ctatgatagg ggaagtagcg tctttagtagac c 281

<210> 715
 <211> 443
 <212> DNA
 <213> Homo sapien

<400> 715
 cttgaaatca gcaacacact tacaaatgag aaaatgaaaa tagaagagta tataaagaaa 60
 gggaaagagg attatgaaga gagtcacag agagctgtgg ctgcagaggt atccgtactt 120
 gaaaactgga aggagagtga agtgtataag ctacagatca tggagtcaca agcagaagcc 180
 tttctgaaga agctggggct gattagccgt gatcctgcag catatccoga catggagtct 240
 gatatacgtt catgggaatt gtttctttct aatgttaciaa aagaaattga gaaagcaaag 300
 tctcagtttg aagaacaaat taaggcaatt aaaaatgggt cccggctcag tgaactttct 360
 aaagtgcaga tttctgagct ttcatttcct gcctgtaaca cggttcaccc cgagttactc 420
 cctgagtcct caggccacga tgg 443

<210> 716
 <211> 639
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 716
 ccaanaaaaa tgaagtacag agtctgcata gtaagcttac agataccttg gtatcaaaac 60
 aacagttgga gcaaagacta atgcagttaa tggaaatcaga gcagaaaagg gtgaacaaag 120
 aagagtctct acaaatgcag gttcaggata ttttggagca gaatgaggct ttgaaagctc 180
 aaattcagca gttccattcc cagatagcag ccagacctc cgcttcagtt ctagcagaag 240
 aattacataa agtgattgca gaaaaggata agcagataaa acagactgaa gattcttttag 300
 caagtgaacg tgatcgttta acaagtaaag aagaggaact taaggatata cagaatatga 360
 atttcttatt aaaagctgaa gtgcagaaat tacaggccct ggcaaatgag caggctgctg 420
 ctgcacatga attggagaag atgcaacaaa gtgtttatgt taaagatgat aaaataagat 480
 tgctggaaga gcaactacaa catgaaattt caaacnaaat ggaagaattt angattctaa 540
 atgaccaaaa canagcatta aaatcagaag ttcagaagct gcagactctt gtttctgcac 600
 angcctaata aggatgntgn ggaacaaatg gaaaaattg 639

<210> 717
 <211> 473
 <212> DNA
 <213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 717

nntgaggcta	ctgctgtttt	attacaacat	tacctcttgt	ttttataaag	tgtaccaaga	60
tttaaattga	taactttatt	ttacttgaaa	aaaaaaagtt	tnntttatca	ccagtgttac	120
agttgtcttc	tgtttctttt	tgttttgntt	tatttgnttt	ccttttttagc	caaagagtga	180
acagaanatt	ttcttatttt	ggagggtatt	cattttactt	ttaaaagtga	ttgggtggatt	240
ttagactaat	tatgggggaa	tttgccacca	aaataaaaaa	tatgtaaagn	gtagtgatta	300
cagagtgggt	aaaatgtggg	ttagtactta	tttattccat	taattgatta	tttgactggt	360
tataaagaaa	gttgctttat	ttctttaaac	atcttcaaaa	gatgatcctt	tcttgtcaca	420
ttatagccaa	aagaagcaga	gaacttcact	gtctgcattt	ggttcctggg	tgg	473

<210> 718
 <211> 207
 <212> DNA
 <213> Homo sapien

<400> 718

ggtaaagtct	agtataatat	ttaccatctc	acttctagga	atactagtat	atcgctcaca	60
cctcatatcc	tccctactat	gcctagaagg	aataatacta	tcactgttca	ttatagctac	120
tctcataacc	ctcaacaccc	actccctctt	agccaatatt	gtgcctattg	ccatactagt	180
ctttgccgcc	tgcaagcag	cggtagg				207

<210> 719
 <211> 255
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 719

cctatattac	ggatcatttc	tctactcaga	aacctgaaac	atcggcatta	tcctcctgct	60
tgcaactata	gcaacagcct	tcataggcta	tgctctcccg	tgaggccaaa	tatcattctg	120
aggggccaca	gtaattacaa	acttactatc	cgccatccca	tacattggga	cagacctagt	180
tcaatgaatc	tgaggaggct	actcagtaga	cagncccacc	ctcacacgat	tctttacctt	240
tcacttcac	ttgcc					255

<210> 720
 <211> 455
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(455)
 <223> n = A,T,C or G

00049622.050301

<400> 720
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 attgacaaat gatgccctct gactagtaga tttctatgat ccttttttgt cattttatga 120
 atatcattga ttttataatt ggtgctattt gaanaaaaaa atgtacattt attcatagat 180
 agataagtat cagggtctgac cccagtggaa aacaaagcca aacaaaaactg aaccacaaaa 240
 aaaaaggctg gtgttcacca aaaccaaact tgttcattta gataatttga aaaagctcca 300
 tagaaaaggc gtgcagtact aagggaacaa tccatgtgat taatgnttnc attatgttca 360
 tgtaanaagc cccttatttt tagccataat tttgcatact gaaaatccaa taatcagaaa 420
 agtaattttg ccacattatt tatnaaaaat gttcc 455

<210> 721
 <211> 530
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 721
 ccagtgtctg ctgccgtggt ttagtgattg ggtgttagaa ataaaaactc aggtctatatt 60
 cttaccagtc agtaacaatt tttagagaat gtacttggtg tataatatat ggacttcagg 120
 aactttattg gggngggggg ttaattttgc cttaccctgt tcactttcag atgattaggc 180
 ttttgcactt tagaatgaga aacttgtgac gttagtgtgt tcttactagc ttttaatttgt 240
 atgtagcaat gaattgtgaa tcttagtgca gtgggttttt ttaaaaaact caaaaagctg 300
 ggaattaagt ggtttcagta ataatgctat accgaggtgc ttgcattgta tttcataatt 360
 ttgttacaaa ccaaaattat ttttaatgan aacggtcttg ggttcagagg tgtgatgcca 420
 gaatgtatatt tctgactgtt aggcccttgg aacagatacc ggtgctttct tgaaagatga 480
 aagaaatgca atgggtgctc ttcatgcaag gttgcaaacc taccaagaat 530

<210> 722
 <211> 242
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(242)
 <223> n = A,T,C or G

<400> 722
 ccaaggggtca tgatggcagg agtaatcana ggtgntcttg tgttgtgata agggngggaga 60
 gggttaaagga gccacttatt agtaatgttg atagtagaat gatggctagg gtgacttcat 120
 atgagattgt ttgggctact gctcgtagtg cgccgatcag ggcgtagttt gagtttgatg 180
 ctcatcctga tnagaggatt gagtaaacgg ctaggctaga ggtggctaga ataaatagga 240
 gg 242

<210> 723
 <211> 472
 <212> DNA
 <213> Homo sapien

<220>

<400> 723

<210> 724

<211> 292

<212> DNA

<220>

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<221> misc feature
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 $\langle 222 \rangle \quad (1) \dots (292)$

<400> 724

<210> 725

<211> 122

<212> DNA

 $\langle 220 \rangle$

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<221> misc_feature
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 $\langle 222 \rangle \quad (1) \dots (122)$

<400> 725

<210> 726

<211> 477

<212> DNA

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (477)$

<223> n = A,T,C or G

<400> 726

ctgaaccctc	gtggagccat	tcatacaggt	ccctaattaa	ggaacaagtg	attatgctac	60
ctttgcaagg	ttagggtagc	gcggccgtta	aacatgtgtc	actgggcagg	cggtgcctct	120
aatactgggtg	atgctagagg	tgatgttttt	ggtaaacagg	cggggtaaga	tttgccgagt	180
tccttttact	ttttttaacc	tttccttatg	agcatgcctg	tggtgggttg	acagtgaggg	240
taataatgac	ttgttggtga	ttgtanatat	tgggctgtta	attgtcagtt	cagtgtttta	300
atctgacgca	ggcttatgag	gaggagaatg	ttttcatgtt	acttatacta	acattagtct	360
ttctataggg	tgatagattg	gtccaattgg	gtgtgaggag	ttcagttata	tgtttgggat	420
tttttaggta	gtgggtgttg	agcttgaacg	ctttcttaat	tggcggctgc	tttttagg	477

<210> 727

<211> 416

<212> DNA

<213> Homo sapien

<400> 727

cctgtctttg	aatggatgaa	ataggttaat	aaaaaacatc	actgtttaaa	aactagaaca	60
ctgaaaaatt	ctaggaaagc	ttattttccc	ttatatTTTT	atggtagctt	caacacttaa	120
taacactatt	tcaattaagt	tttctcctag	agtttatagt	atatcagtag	attcttttct	180
gtggatgcaa	taatatagaa	tcttattcca	aatcttactg	gcaggttctc	ttaaattctt	240
caacggctgc	catagtgttt	aacccaaaatt	agttatgatt	tctgcctatc	tgtgtgagaa	300
cttacagggg	aaattgttct	aaacctgagg	aacatgaagt	aactgtactg	cacactccaa	360
atgatgacag	tcattttata	tcaccttcaa	ttaccaaca	gcttttaata	gtctgg	416

<210> 728

<211> 416

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 728

cctgtctttg	aatggatgaa	ataggttaat	aaaaaacatc	actgtttaaa	aactagaaca	60
ctgaaaaatt	ctaggaaagc	ttattttccc	ttatatTTTT	atggtagctt	caacacttaa	120
taacactatt	tcaattaagt	tttctcctag	agtttatagt	atatcagtag	attcttttct	180
gtggatgcaa	taatatagaa	tcttattcca	aatcttactg	gcaggttctc	ttaaattctt	240
caacggctgc	catagtgttt	aacccaaaatt	agttatgatt	tctgcctatc	tgtgtgagaa	300
cttacagggg	aaattgttct	aaacctgagg	aacatgaagt	aactgtactg	cacactccaa	360
atgatgacag	tcattttata	tcaccttcaa	ttaccaaca	gcttttaata	ntctgg	416

<210> 729

<211> 564

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

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<400> 729

ctgtgagtag	aggagtcttc	ccgagagtag	cagttgttga	tccaaatgat	tgaagccttc	60
aggtaagga	ataactgctg	caggaattct	ttcttgaaga	atttaagctg	tttggttaaga	120
attctgtaac	tacatacctt	tgaaacacta	ttcacattca	aataaacgct	tgttttctag	180
ccaggcacag	gctcaattag	tttttcaaac	tctagccaag	gcagtatttc	atttgggaaa	240
tcatgcaaca	gaactgctca	attcttaact	tctcctgctg	ttaacattta	cacttagact	300
gccagcaaca	gttaacttaa	attttggtct	caagggaaca	aaaaaaaaatt	gcattcagaa	360
tttaatatag	tattttaaaa	ctaatttttag	cctgtaagnc	attatgagca	atagtaactt	420
ttatacctcc	tcatcttgnc	tgataatata	ttctatatgc	tgncaatctg	attatatagt	480
ctatatgcta	gaagttgctg	attttcattc	tgccaccaa	aaaaactgtc	cttttttttt	540
tatgggggaa	aaaggaatt	taaa				564

<210> 730

<211> 310

<212> DNA

<213> Homo sapien

<400> 730

ccatttttat	ttcttcttca	gagaagtgtt	tatttaggtc	tgttgcccat	tttacaatta	60
ggccatatgt	tttcttgctg	ttgagttgta	tgtgtgtttg	tataaathtt	gcatattaac	120
cccttatcac	acgtatgttt	tttaaaataa	attttgctta	ttaatctttt	atcagatgta	180
tggtttccaa	atatattctt	ccgatccatg	gattctcttt	tttgttatga	ttgtttcttt	240
gctcttcgga	agctttttgt	tttgttttgt	tatttgtttt	actttgatat	agtcccattt	300
attgtttttg						310

<210> 731

<211> 467

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 731

ngacaacctt	agccaaacca	tttacccaaa	taaagtatat	gcgatagaaa	ttgaaacctg	60
gcgcaataga	tatagtaccg	caagggaag	atgaaaaatt	ataaccaagc	ataataaagc	120
aaggactaac	ccctatacct	tctgcataat	gaattaacta	gaaataactt	tgcaaggaga	180
gccaaagcta	agacccccga	aaccagacga	gctacctaag	aacagctaaa	agagcacacc	240
cgtctatgta	gcaaaatagn	gggaagattt	ataggnagag	gcgacaaacc	taccgagcct	300
ggtgatagct	ggttgtccaa	gatagaatct	tagntcaact	ttaaatttgc	ccacagaacc	360
ctctaaatcc	ccttgtaaat	ttaactgnta	gnccaaagag	gaacagntct	ttggacacta	420
ggaaaaaacc	ttgtagagag	agtaaaaaat	ttaacaccca	tagtagg		467

<210> 732

<211> 492

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(492)

T0E050"92964860

<223> n = A,T,C or G

<400> 732

cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcctc	tttggactaa	cagctaaatt	tacaagggga	tttagagggt	tctgtgggca	120
aattttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgctc	tacctataaa	tcttcccact	atatttgctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctggnttcg	gggggtcttag	ctttggctct	ccttgcaaag	300
ttatttctag	ttaattcatt	atgcagaagg	tataggggtt	agnccttgct	atattatgct	360
tggntataat	ttttcatctt	tcccttgcg	tactatatct	attgcgccag	gtttcaattt	420
ctatcgcccta	tactttat	gggtaaatgg	tttggctaag	gttgtctggt	agtgaggcgg	480
agnggggtttg	gg					492

<210> 733

<211> 562

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(562)

<223> n = A,T,C or G

<400> 733

ntgaaatggc	aatagcattc	actgtcgtat	tttgcagtgc	tcaggaagtg	ggacgttaac	60
tttgaagggtg	cttggttgta	ttagctctgc	taggtttacc	tctacaacgt	agatttcagc	120
agctatgctg	actgacacta	cattctagtt	cttaagattt	tttttccana	tcccccttc	180
cccagctaga	catacgtagc	atactttcat	cttattcagt	ctttctgtaa	cctgctgctg	240
cttttagtcc	tcctcacctc	agatcggaat	caatggagtg	ggcccagagg	atacatttta	300
attccagtaa	tggtaggtag	atttgtcctg	ctttctaaaa	catctcctca	tttcatattt	360
ccactccata	ttgattccat	aagggaat	taatgggtgn	ttcctccttt	agggaggcaa	420
tgcaaagagn	gtggacatct	tctaactctg	aggaacagtn	gttgatttcc	cttgaaggag	480
cttacatatt	gactgtnttt	cacaataacc	tgnttgcccc	agntcaatcc	ctcattttta	540
tacttaatgt	tggtnctggg	ct				562

<210> 734

<211> 265

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 734

nggtccagaa	caagagaaat	aactgcagaa	aacacatatg	gttggaacc	atgcgcttgt	60
gactttttct	gtagcctatg	ggagtggaca	gagtgggtaa	cccaagatgt	ttttaagact	120
gactggacta	agaatggcgt	acttatagcc	aactacttcc	cccctaattg	gactgaaggg	180
attcataatg	atcacaatta	gcattacggt	taagtatttt	agggttgacg	tctaagctca	240
cacttgaaag	gtatttatct	aatgg				265

<210> 735

<211> 216

TC050"92964B50

<212> DNA
<213> Homo sapien

<400> 735
atttaatacgc tgctcactgc tcggcacgcg ctgaagctac agttaacaat cagtgcagcac 60
atattaaatg ataaaaataat gctgatggta aacattcata acagcagagt aagattttgg 120
cagttttgtg tctcggtaac ataactgtaa ccttagatga acacctatcc cttcatgatc 180
tgacttttaga ggcaaggagt ttgtaacatc taatgg 216

<210> 736
<211> 285
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 736
ctgaaaggca acntggagac tagttagtct agtcccctca tattataaat tggatatgctg 60
aggccaggca gtaaattgct atggagctct ccaatttaag gccagtttga ctccaagggt 120
agggcttcta gtaaaatttt gtgattaaat tggaaactct aattttattt tctatgngtt 180
tttggtacct aatcctcata agcaagccat atttcaaggc tgatcaatga aaacaccaaa 240
taccaaagct tcctttccct tccaaattta ctgacccttt gtcag 285

<210> 737
<211> 509
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 737
agangaagaa gangaagatt aagggaagaa tacatcggtc aagaagagct caacaaaaca 60
aagcccatct ggaccagaaa tcccgcagat attactaatg aggagtacgg agaattctat 120
aagagcttga ccaatgactg ggaagatcac ttggcagtga agcatttttc agttgaagga 180
cagtttgaat tcagagccct tctatttgtc ccacgacgtg ctctttttga tctgtttgaa 240
aacagaaaga aaaagaacaa catcaaattg tatgtacgca gagttttcat catggataac 300
tgngaggagc taatccctga atatctgaac ttcattagag ggggtgnaga ctccgaggat 360
ctccctctaa acatatcccg tgagatgttg caacaaagca aaattttgaa agttatcang 420
aagaatttgg gtcaaaaaat gcttanaact ctttactgaa ctggcggaag atnaagagaa 480
ctncaagana ttctatgagc agntctctt 509

<210> 738
<211> 97
<212> DNA
<213> Homo sapien

<400> 738
cagtgaattg aatacgactc ctatagggcg aattggggccc tctagatgca tgctcgagcg 60

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gccgccagtg tgatggatat ctgcagaatt cgccctt

97

<210> 739
 <211> 209
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(209)
 <223> n = A,T,C or G

<400> 739
 ccgncagtgt gatggatata tgcagaattc gcccttagcg gcccgcccg gcagggtcct 60
 tatatatagt agcttagttt gaaaaaatgt gaaggacttt cgtaacggaa gtaattcaag 120
 atcaagagta attaccaact taatgttttt gcattggact ttgagttaag attatttttt 180
 aaatcctgag gactagcatt aattgacgg 209

<210> 740
 <211> 164
 <212> DNA
 <213> Homo sapien

<400> 740
 ccaagctaag ggggtgacact gtgaatgcaa ctctaatagca gcctggcgta aatggtccta 60
 tgggcactaa ctttcaagtt aacacaaaca gaggaggtgg tgtgtgggaa tctggtgcag 120
 caaactccca gagtacatca tggggaagtg gaaatggcgc aaat 164

<210> 741
 <211> 514
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 741
 ccagtcagaa ttgagatgtg ctgtgagtgc aaaatacact caaatctaag acttagtatg 60
 gaagaaaaag aagataaggt gnttcattaa taatctttta tattgattac atgttgaaat 120
 gatattttta atatactggg ttacataaac tgttattaag attaattttg cttgtttctt 180
 ttttaatatg gctactagaa aattaaaaat tatgtttgtg ttcacattat atttctgttg 240
 aacaatgtgg acatagataa tctacagtca ttacattagc cttagaattt agcatcatc 300
 ttttaagcac tctgggtgac taacttgaac tcccagaaac ccataagcac actctgcata 360
 taaattattg caaaattcat tcttatctct ctgaaagata tgcattttta gggtaaaaag 420
 aattcacaaa atattganc cttacaaaat gtcaattagt atatggagag agctaaagga 480
 cttcntgtag actggtncat tggggaaaaa caga 514

<210> 742
 <211> 439
 <212> DNA
 <213> Homo sapien

094964850

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 742

gcaggtccta	tgcatagtta	ataagggnta	taatctactc	aacatggaaa	atgggagcct	60
atttgcaaac	acacgagtaa	ttaaagtacc	aattctctct	tagtttcttt	ttttatagtt	120
ggnttatatt	gcaattataa	atgntaaaca	tccctagaga	tgaaagttaa	aatggctgat	180
cacagatcag	tagcaaaaata	caaattgaca	attcaaaatt	ataaaataaaa	ctctgttgag	240
gatgttttaac	tttgagcctc	caaatttaag	agctaagctt	ggaagaaaca	aatttatagg	300
ttatatttcc	ctcttaaatt	aaaaaaca	cttcctctgg	cagtagnttg	tgaattcctt	360
tcattgnaat	gataccatga	ttacaggatc	aaaaatgctt	aacttacttg	ccattctgct	420
cacatcatca	cagttgttt					439

<210> 743
 <211> 275
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 743

cangacgcta	cttcccctat	catagaagag	cttatcacct	ttcatgatca	cgccctcata	60
gtcattttcc	ttatctgctc	cctagtccctg	tatgcccttt	tcctaacact	cacaacaaaa	120
ctaactaata	ctaacatctc	agacgctcag	gaaatagaaa	ccgtctgaac	tatcctgccc	180
gccatcatcc	tagtccctcat	cgccctccca	tccctacgca	tcctttacat	aacagacgag	240
gtcaacgata	cctcccttac	catcaaatca	attgg			275

<210> 744
 <211> 295
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 744

ctgtnccttt	aaaaaatctg	gatgtttttt	atttagtgat	tgttcgacaa	ttagctgctt	60
caaaacataa	tgtgcattgc	ttatgaatgc	cttcatatac	taatacagat	actctgataa	120
tattacactc	taataaggat	aatgctgaat	tttgaaagga	cacaaaacat	ctaagtccaa	180
tatatacatg	attagccaac	atctttgcta	tcaagaccac	tcgtttttta	ataaagatgc	240
aagtgtcagt	tgtagattat	tgggatgaag	ctaaatcccc	agaatgcagc	agcag	295

<210> 745
 <211> 477
 <212> DNA
 <213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 745

cgcggttactg	tacatatattgc	tagcaggaga	caactggaaa	tactaaacaa	atactggaat	60
tcacattaca	gacagacgaa	accaacatgg	atgccacaca	taacttcctt	tgtagtttca	120
cagagagcct	atttgtgggt	gtcagggtgg	ggtcatacat	tgcttgacga	aatggcctga	180
tcatagctct	atgaaacaat	gaattcggaa	tgaaatctta	ccatgacacc	tctctgtagg	240
aaagaaatgt	tgcttcacgt	gtgctaagtt	gagataataa	tatttcacat	atttatatac	300
agagaatcac	tctcaaattt	aacccaagat	aagcaatagg	atttgggggt	gacttgtaca	360
cattttctaac	aacacttttc	ttttttctag	aggtcactct	caaacactga	tatatcacta	420
tagtttgagt	gtanggattc	agtaatcaaa	ggttggttatt	gcaaaagagc	caggcag	477

<210> 746
 <211> 524
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(524)
 <223> n = A,T,C or G

<400> 746

ctgtgaaatt	gggttgggag	agccaaaata	ctttacaact	tcagaccgga	gaaaaggcca	60
gaggtgtgaa	gttagactct	atgatgaaac	agagtcgtct	tttgcgatga	catgttggga	120
taatgaatcc	attctacttg	cacagagctg	gatgccacga	gaaacagtaa	tatttgccctc	180
agatgtaaga	ataaattttg	acaaattttcg	gaactgcatg	acagcaactg	taatctcaaa	240
aaccattatt	acaactaatc	cagatatatac	agaagctaac	attctgctga	attttatatac	300
agaaaataaa	gaaacaaatg	ttctggatga	tgaaattgac	agttatttca	aagaatccat	360
aaattttaagt	acaatagtgt	atgtctacac	agntgaacaa	ttaaagggaa	aagctttgaa	420
gaatgaagga	aaagctgata	cttcctatgg	catcctttat	gcctacattt	ccacactcaa	480
cattgatgat	gaaactcaaa	agtagttcga	aatagatggt	ccag		524

<210> 747
 <211> 456
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 747

cctcagttct	tgattgtgggt	tgacggggcg	tcaccatgaa	ggagccatt	tagtataaag	60
cttccaacct	tttctcttaa	tcgtttcttt	aatcttttaa	accatcttca	agtgcataag	120
ggagtttccg	atgccagagg	atgaaagcaa	gtgctttctc	caccctctcc	tcccagagt	180
aaaacaaatc	cttttgctga	tacttgtttc	aaaagcatcc	attgtaaagc	ttctcagtga	240
cacaaaatac	tgagaggtaa	ctttttatca	atcaaaccac	atacccaat	ttaacacctt	300
tcagtgtctc	gaattcaact	gacagactaa	aggggtgttc	ctgtaacagt	ctgaaatatt	360
aagtgttttt	tttgttttgt	ttttaaatct	tatttcagaa	aacttcctct	nggggtagga	420

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aagtacacat gaagcagcaa agtaacgaag aaaaac

456

<210> 748
 <211> 474
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 748
 ccanaccagg gaaccaaag cagacagnga agttctctgc ttcttttggc tataatgnga 60
 caagaaaggg atcatctttt gaagatgttt aaagaaataa agcaactttc ttataaaca 120
 gtcaaataat caattaatgg aataaataag tactaaccac cattttaacc actctgtaat 180
 cactacactt tacatatatt ttatttnggn ggcaaatcc ccataatta gtctaaaatc 240
 caccaatcac ttttaaaagt aaaatgaata gccacaaaa taagaaaatc ttctgttcac 300
 tctttggcta aaaaggaaaa caaataaaac aaacaaaaa gaaacagaag acaactgtaa 360
 cactggtgat aaaagaaact ttttttttac aagtaaaata aagttatcaa tttaaatctt 420
 ggncacttta taaaaacaag aggtaatgtt gtaataaaac agcagtagcc tcag 474

<210> 749
 <211> 355
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 749
 cctgggtnna gnggctgact gnaacctcca ctctctgttc tcaggcaatc ctctgcctc 60
 agcctcctta gtagctggga ctacaggagt gtgcaacat gcccaactaa ttttgtatt 120
 tttaatagag acagggtttc accatgttga tcagggttggc ctccaactcc tgacctcagg 180
 tgatccacct gtcccagcct cccaaagtgc tgggattaca ggcatgagcc accacgcccg 240
 gnccaggata aagtaaaaat ttgtaagcac acaaggccct ttgcaacctg gctcctggtt 300
 actactttaa ncctcctgcc ctcccaaatg tntcactgt ttttctanac atacc 355

<210> 750
 <211> 493
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 750
 ccatgctggt ctggaactcc tgaactcagg tgatccaccc gcctcagtct cccaatagat 60
 tacatatatt attaataaat tgcttccttt aacaccctat tcattgaatt ttccagtaaa 120
 ccacaattac taattactcc tgaaatcaga aaagagggtta aaaagatttt ataacagtat 180

09049626-050301

```

cctatgaaat ctactacttt caagtaatag tagttgaatt accaaaaccc gtcactcaag      240
ccaatgacta caattaagat atgagtaaca ttccctagat aaataaagtc aattaattat      300
atttgcattt gggaaataga gaaagtacat ataagccatg attttgaagn caaaagagag      360
agantatttg ccaaggaggg gtgagttata gtatgtaatt ataacatata gaagcttttt      420
gtatgctggt aactaatttt aatttcctac attnttatgg agatttctgc tattcttgctc      480
ctattttcca cct                                                         493

```

```

<210> 751
<211> 364
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

```

```

<400> 751
cgaggctctg naaggtcacc aagtctgccc aganagctca gaaggctaaa tgaatattat      60
ccctaatacc tgccacccca ctcttaatca gtggtggaag aacggtctca gaactgtttg      120
tttcaatttg ccatttaagt ttagtagtaa aagactgggtt aatgataaca atgcatcgta      180
aaaccttcag aaggaaagga gaatgttttg nggaccactt tgggttttctt ttttgctgtg      240
ggcagtttta agttattagt ttttaaaatc agtacttttt aatggaaaca acttgaccaa      300
aaatttgtca cagaattttg agaccatta aaaaagttaa atgagataaa aaaaaaaaaan      360
cntg                                                                    364

```

```

<210> 752
<211> 498
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

```

```

<400> 752
ctggattatg ggttggnatt ggtcatatgt tagaotccat acaggcatag ctatgatgca      60
gtgaatccct tagaagttac aattctcaaa ttacatactt cctcagatgt aacattagaa      120
ctcaatattt ctaacaataa cataccagaa aaggctggac tggcactcat ctgctgacta      180
acttgtagcc tcagtaatat gacatacttg cctttaacaa attatctcaa attaactaac      240
agaccttcag aaaatggaga ttcttttttg tggggacata atcaaattta agtctgagaa      300
atatgcttaa cagttggaac tcaaattaaa tgtactgatt ttaaagttaa gacattaaca      360
agtgatanat tagcctcaaa aaaagacaat ttggnaaggn ttaggtcttt taatttggtg      420
cttgntcaca acttgactgg tgcttctttt cttgctgctt cacatcaagc atggggccaa      480
ttctattttc agtaaatg                                                         498

```

```

<210> 753
<211> 467
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature

```

F06050.9264860

<223> n = A, T, C or G

nacaacctta	gccanaacca	tttaccctaaa	taaagggata	ggcgatagaa	attgaaacct	60
ggcgcaatag	atatagnacc	gcaagggaaa	gatgaaaaat	tataaccaag	cataatatag	120
caaggactaa	cccctatacc	ttctgcataa	tgaattaact	agaaataact	ttgcaaggag	180
agccaaagct	aagacccccg	aaaccagacg	agctatctaa	gaacagctaa	aagagcacac	240
ccgtctatgt	agcaaaatag	tgggaagatt	tataggtaga	ggcgacaaac	ctaccgagcc	300
tggtgatagc	tggntgncca	agatagaatc	ttagntcaac	tttaaatttg	ccccagaaac	360
cctctaaatc	cccttgtaaa	tttaactgtt	agtccaaaga	ggaacagctc	ttggacacna	420
ggaaaaaacc	ttgcagagag	agtaaaaaat	ttaacaccca	tagtaggg		467

<213> Homo sapien

<223> n = A, T, C or G

```
gtcatgttca agtgttntaa tctgacgcag gcttatgcgg aggagaatgt tttcatgtta      60
cttatactaa cattagttct tctatagggt gatagattgg tccaattggg tgtgaggagt     120
tcagttatat gtttgggatt ttttaggcag tgggtgttga gcttgaacgc tttcttaatt     180
ggtggctgct tttagg                                     196
```

<213> Homo sapien

ctggaagga	ttctgtacat	ataagacatc	aaatattgag	ggatactgga	acttttaa	60
taatgggcaa	agaaagtcaa	caaaggaagt	tcatatgaaa	tcaaaactagt	aatatgatta	120
caaaaaaaaa	gtttaaaatt	tttcttggcc	ccagtcttat	catttctgag	ccaaatacaa	180
ttctatcgaa	atcacctgaa	actgaaatca	ccattctagc	ctgggtttcc	cataaagatg	240
gactgctcca	aaaagaggaa	tcaagaaaga	atttggtcca	cagtgaatta	ttcactttgt	300
cttagttaac	taaaaataaa	atctgactgt	taactacaga	aatcatttca	aattctgtgg	360
tgataataaa	gtaatgaccg	c				381

<213> Homo sapien

$$\langle 223 \rangle \quad n = A, T, C \text{ or } G$$

<400> 756

```

ggntataaac ctattattta ttgcagaact aataaaaaat ccaaagcctt gtatttgtac      60
atctttatta tctctaaagc actttcctca acctaatttc agttttttaca attggtactc      120
aagaaaatag agacagaaat catttgattt tgcccagaaa ccactctgctt atattttataa      180
ggccacctaa tttgaaatca catatagacc aggcgcggtg gctcacgcct gtaattccaa      240
cactttggaa ggccaaggca ggtggatcac aagggtcaaga gattgagacc atcttgacca      300
acatggcgaa acccgtctc taccaaaaat acaaaaatca g                                341

```

```

<210> 757
<211> 479
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

```

```

<400> 757
cgcnttactg tacatattgc tagcagggag acaactggaa atactaaaca aatactggaa      60
ttcacattac agacagacga aaccaacatg gatgccacac ataacttcct ttgtagtttc      120
acagagagcc tatttggttg tgctcaggtg gggtcataca ttgcttgagc aaatggcctg      180
atcatagctc tatgaaacaa tgaattcgga atgaaatctt accatgacac ctctctgtag      240
gaaagaaatg ttgcttcacg tgtgctaagt tgagataata atatttcaca tatttatata      300
cagagaatca ctctcaaatt taaccaaga taagcaatag gatttggggg tgacttgtnc      360
acattttctaa caacactttt cttttttcta gaggtcactc tcaaactg atatatcact      420
atagnttgag ngtagggatt caagtaatca aaggttgtta ttgcaaaaaga gccaggcag      479

```

```

<210> 758
<211> 267
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

```

```

<400> 758
ccatgnctag gtttatagat agttgggtgg gttggtgtaa atgagtgagg caggagtccg      60
aggaggttag ttgtggcaat aaaaatgatt aaggatacta gtataagaga tcaggttcgt      120
cctttagtgt tgtgatggc tatcatttgt ttgaggtta gtttgactag tcattgttgg      180
gtggtaatta gtcggttgtt gatgagatat ttggaggtgg ggatcaatag agggggaaat      240
agaatgatca gtactgcggc gggtagg                                267

```

```

<210> 759
<211> 449
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

```

T050"9264860

<400> 759
 cgaggtcttg aaatcagcaa cacacttaca aatgagaaaa tgaaaataga agagtatata 60
 aagaaagggg aagaggatta tgaagagagt catcagagag ctgtggctgc agaggatatcc 120
 gtacttgaaa actggaagga gagtgaagtg tataagctac agatcatgga gtcacaagca 180
 gaagcctttc tgaagaagct ggggctgatt agccgtgata ctgcagcata tcccgcacatg 240
 gagtctgata tacgttcatg ggaattgttt ctttctaata ttacaaaaga aattgagaaa 300
 gcaaagtctc agtttgaaga acaaattaag gcaattaaaa atggttcccg gctcagtga 360
 ctttctaaag ngcagatttc tgagctttca tttcctgcct gtaacacggt tcatcccgag 420
 ttactccctg agtcttcagg ccacgatgg 449

<210> 760
 <211> 414
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 760
 ccatnaactg gaagcagctc actaaacaaa cagnngcata cccatagaac tgcatacttc 60
 tcagcagtat gaaagaatga gctacttata taagcatcat tgataaacct caaaaaaaaa 120
 atgccacatg aagaanccca agggggagaa acataaaaaac tttatatgnc agncatataa 180
 aattctagaa aatgcaaact aatccatcnt aaaggaaagt aaatcancag ttgtctggag 240
 gaccanagag agcaggagga gagagattnt taanggggtt aaagtaaatt ngggagtgcc 300
 cttccatttt taaatnctat gaaaatgaaa gttaaaggccc ntgcatgttg taaactaata 360
 gtaacaaaaca gattggggtg gagtggggtg ttgtctgggg acatcattac aaan 414

<210> 761
 <211> 428
 <212> DNA
 <213> Homo sapien

<400> 761
 gagcctcact aaaataacag atttcagtat agccaagtcc atcagaaaaga ctcaaattga 60
 atgatttaca agatagaaca ctttaaacca ggtcagtcct atctttttgt agctgaaggc 120
 tatcagtcac aacacaattt cgcgtacacc tctgctcatt atggaattac acttaaaacg 180
 aatctcaaga gggtgaccat tggtgtttca gataccatcc ctaaggagag tggttaacag 240
 gaagattgcc agtgttactg atggaaagaa gtgtttgttt gttttttttc ttgtcaaaga 300
 cttacaccat agttttaaat taaactgtca ggcattttct cagacagggt ttccttttca 360
 atgcagtaat gaagaactaa gataaaaatc atgacttttg actgccactc aacattatta 420
 catgcacc 428

<210> 762
 <211> 574
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

TOE050" 92967860

<400> 762

caggctctgaa	ctgataagta	ttaagagacg	tttgttgcta	gttaagngtt	ccagttgaga	60
gttcgaagtg	aaaacctggg	ctctttacca	gtgttgagtg	agaagattta	tttctctttc	120
ctctgaattt	accacatgta	acatcacaga	gacatgtaga	gttccttttag	gatttgcgat	180
ttgaaccagn	ccagttctgat	tttcaggtga	attctgtgaa	gagcttgatg	ggggaagtct	240
gaagacagaa	ggaattaggg	aaaagggtga	tacttacaga	gtaaaggaaa	taaatgaaaa	300
gataatggta	tttttggttag	ccacagggaa	atagcaggag	gggactggag	atcacacaca	360
cgcacacgca	cacacacaaa	cacacacaca	cgctaaaact	caaactaaaa	acctcccaaa	420
ggagctgctt	tgtttgtaga	cttcaattng	aagtagatac	taagggaag	aatagaccag	480
ttaaaattca	cctgaaaatc	tcttcccann	cttcaaattgt	gctaaaatat	cactgtcagc	540
ttagcatctc	tncatgtatg	tatatataga	tgta			574

<210> 763

<211> 465

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 763

cctactatgg	gtgttaaaat	tttttactct	ctctacaagg	ntttttccta	gtgtccaaag	60
agctgttcc	ctttggacta	acagttaa	ttacaagggg	atttagaggg	ttctgnngggc	120
aaatttaaa	ttgaactaag	attctatctt	ggacaaccag	ctatcaccag	gctcggtagg	180
tttgctgcct	ctacctataa	atcttcccac	tattttgcta	catagacggg	tgtgctcttt	240
tagctgttct	taggtagctc	gtctgggttc	gggggtctta	gctttggctc	tccttgcaaa	300
gttatttcta	gttaattcat	tatgcagaag	gtataggggt	tagtccttgc	tatattatgc	360
ttggatataa	tttttcatct	ttcccttgcg	gtactatata	tattgcgcca	ngtttcaatt	420
tctatgcct	atactttatt	tgggtaaatg	gtttggctaa	ggttg		465

<210> 764

<211> 151

<212> DNA

<213> Homo sapien

<400> 764

ctgtcaatta	atgctagtc	tcaggattta	aaaaataatc	ttaactcaaa	gtccaatgca	60
aaaacattaa	gttggttaatt	actcttgatc	ttgaattact	tccgttacga	aagtccttca	120
catttttcaa	actaagctac	tatatttaag	g			151

<210> 765

<211> 251

<212> DNA

<213> Homo sapien

<400> 765

gaagagctta	tcacctttca	tgatcacgcc	ctcatagtc	ttttccttat	ctgcttctta	60
gtcctgtatg	cctttttcct	aacactcaca	acaaaactaa	ctaatactaa	catctcagac	120
gctcaggaaa	tagtaaccgt	ctgaactatc	ctgcccgcga	tcatcctagt	cctcatcgcc	180
ctcccatccc	tacgcatcct	ttacataaca	gacgaggtca	acgatccctc	ccttaccatc	240
aatcaattg	g					251

J050501-050501-050501

<210> 766
 <211> 375
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 766
 cgagggtctgn cctcctgggt cttcatccat tattaacaga agagcatact gggttcgggtc 60
 cataaaatct ttgggaaggg acaactgtaa aggaagttca tagtcgtcaa tatgaaggat 120
 ttttaatttct ggctttccta tcttcttctt caggatagct tccttcagca tagaattggt 180
 ttccaatata aaatattttg ctgggttggtc cgtactatgt aggctgacca ctgggaccct 240
 tggaccttca cagaataata agaaatgttg attcatggga ctaaaactgg catcaaaata 300
 tgtacattgt tctttcatga aattacatga aatgcattgg cgattcaata atccttcagt 360
 agaagcactg tacag 375

<210> 767
 <211> 485
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 767
 cgagggtctga accctcgtgg agccattcat acaggtcctt aattaaggaa caagtgatta 60
 tgctaccttn gcacggttag ggtaccgcgg cccgttaaac atgtgtcact gggcaggcgg 120
 tgcctctaact actggtgatg ctagagggtga tgtttttggn aaacaggcgg ggtaagattt 180
 gccgagttcc ttttactttt ttttaaccttt ccttatgagc atgcctgtgt tgggttgaca 240
 gtgagggtaa taatgacttg ttggtgattg tagatattgg gctgttaatt gtcagttcag 300
 tgttttaatc tgacgcagggc ttatgcgagg gagaatgttt tcatgttact tatactaaca 360
 ttagttcttc tatagggtga tagatnggtc caattgggtg tgaggagntc acttatatgt 420
 ttgggatttt ttaggtaagn ggggtgttgag cttgaacgct ttcttaattg ggggctgctt 480
 ttang 485

<210> 768
 <211> 379
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 768
 ctgatattct attaaagata caaagaggag ctggnaccat ttctttctgaa actattacaa 60
 acaactgaaa aggtggaatt tctccctaatt tcattttagg aggccagcat tatactgata 120
 ccaaaacctg gcagaggtac aataataaaa ggaaacttca agtcagtatc actgatgaac 180

050304-050304

accaatgtga aaatcctcaa taaaatactg gcaaactgaa ttcagcagca catcaaaaag 240
 ctaatccacc acaatcaagt cagcttcac cctgcgatgc aagtctggtt caacatatgc 300
 aaatcaataa atacaattca tcagataaac agagctaaag acaaaattca catgattttc 360
 tcaatagatg cagaaaagg 379

<210> 769
 <211> 518
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

<400> 769
 cgagggtccat atgatgatca gtctatatag tttaaggcgc agatacacaa attttcaaaa 60
 atatgggtag aatatagtca atatgaatgg aatagacaat gctttgaaaa tcaactggagg 120
 gaggttttat tgtttgtgaa aacatgttgt catcactttt tgctttaagc ccttgggtgt 180
 gaaataactc aaaccattct tccttatgct gaagatcgag aacccaagt atcacatcta 240
 ccatcccact catcaatgtg attgggtcagt ctttgctgag gncctgcata gccagtttta 300
 aagttagagt tcttgcatat acatatgaaa aggcattgta cttgtgcttt caaagagctt 360
 tttgcttggt gtaaaaagaa aactcaaatt acagtgtgat gtggaatata atgggtggtag 420
 tttcatcgag atgatgggaa agaattgata agataaagcn gaaagatgag cagaattttc 480
 agattgggtn tggaaagagc acttaagaaa gaggggtgg 518

<210> 770
 <211> 378
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 770
 tatgggtcct gagtgtggaa tataagataa caagacaatt cccttgcttt caagggaaat 60
 cacactttat aaaactttga attcttgaaa tgggtttcag aggttccaag gtcaaatcca 120
 agaataagag ttaagaagaa aaagactatg agaaaggaag tgntgacccc atttgcat 180
 aaatggcagg aatagtctca atctactcat tggggaaaaa tgtatgttgc atatttttga 240
 gatattgcaa cttgctctct ctctttgcc cccaccctt tgnatgctc tgtttttggg 300
 ctgaattggc aagaaaaatg gctggagggc tggaagaagn tggacccttc ttccttcttc 360
 cttcttctct ctttctcc 378

<210> 771
 <211> 207
 <212> DNA
 <213> Homo sapien

<400> 771
 cataaatatt atactagcat ttaccatctc acttctagga atactagtat atcgctcaca 60
 cctcatatcc tccctactat gcctagaagg aataatacta tcaactgttca ttatagctac 120
 tctcataacc ctcaacaccc actccctctt agccaatatt gtgcctattg ccataactag 180

F0E050" 92954860

ctttgccgcc tgcgaagcag cggtagg

207

<210> 772
 <211> 384
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 772
 cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcctc tttggactaa cagttaaatt tacaagggga ttagagggt tctgngggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtagggt 180
 ttgtcgccctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggctct ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tatagggggt agtccttgct atattatgct 360
 tggttataat ttttcatctt tccc 384

<210> 773
 <211> 182
 <212> DNA
 <213> Homo sapien

<400> 773
 cccttttctt aacactcaca acaaaactaa ctaataactaa catctcagac gctcagggaa 60
 atagaaaccg tctgaactat cctgcccgcc atcatcctag tctcctatgc cctcccatcc 120
 ctacgcatcc tttacataac agacgaggtc aacgatccct cccttaccat caaatcaatt 180
 gg 182

<210> 774
 <211> 191
 <212> DNA
 <213> Homo sapien

<400> 774
 ccatggctag gtttatagat agttgggtgg ttgggtgtaa atgagtgagg caggagtccg 60
 aggaggttag ttgtggcaat aaaaatgatt aaggatacta gtataagaga tcaggttcgt 120
 cctttagtgt tgtgtatggc tatcatttgt tttgaggtta gtttgattag tcattgttgg 180
 gtggtaatta g 191

<210> 775
 <211> 192
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 775

00849626-050301

ccatggctaa gntatataga tagctgggtg gctggagtaa atgantgagg nacgagtcg 60
 angaggtag ttgaggcaat aaaaatgatn aaggatacta gtataagaga tcangttcgt 120
 cctttacatg ttngtatgg ctatcatttg ttttgaggct agnttgatta gtcattgttg 180
 ggtggaatt aa 192

<210> 776

<211> 144

<212> DNA

<213> Homo sapien

<400> 776

ctgacccctt agaaccctgg ctctgccatt agctaggacc taagactctg cccacatttt 60
 ggtctgttct ctcccattac acatagggtt gtctcagcat gcaagagttt ttcctttaaa 120
 aaaaaaaaaa aaaaaaaaaa aaaa 144

<210> 777

<211> 483

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(483)

<223> n = A,T,C or G

<400> 777

cctactatgg gtgntaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcctc ttggactaa cagttaagtt tacaagggga ttttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagg tatcaccagg ctcggtagggt 180
 ttgtcgctc tacctataaa tcttcccaat attttgctac atagacgggt gtgctctttt 240
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<210> 778

<211> 393

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 778

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<210> 780
 <211> 328
 <212> DNA
 <213> Homo sapien

<220>
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 <222> (1)...(328)
 <223> n = A,T,C or G

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 attttgccac actgcaacac cttacagatg tggaagatgt gaaatttgct atcaattatg 180
 actaccctaa ctccctcagag gattatattc atcgaattgg aagaactgct cgcagtacca 240
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<210> 781
 <211> 305
 <212> DNA
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<220>
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 taccaaagtg tgcaacctac agaccctcag gtactgcctt gtgacttctc tgtatgacat 180
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<210> 782
 <211> 497
 <212> DNA
 <213> Homo sapien

 <220>
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 <223> n = A,T,C or G

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<210> 783
 <211> 364
 <212> PRT
 <213> Homo sapien

<400> 783
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 Asn Thr Gln Arg Lys Lys Ser Gln Glu Lys Met Arg Glu Val Thr Asp
 35 40 45
 Ser Pro Gly Arg Pro Arg Glu Leu Thr Ile Pro Gln Thr Ser Ser His
 50 55 60
 Gly Ala Asn Arg Phe Val Pro Lys Ser Lys Ala Leu Glu Ala Val Lys
 65 70 75 80
 Leu Ala Ile Glu Ala Gly Phe His His Ile Asp Ser Ala His Val Tyr
 85 90 95
 Asn Asn Glu Glu Gln Val Gly Leu Ala Ile Arg Ser Lys Ile Ala Asp
 100 105 110
 Gly Ser Val Lys Arg Glu Asp Ile Phe Tyr Thr Ser Lys Leu Trp Ser
 115 120 125
 Asn Ser His Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Arg Ser Leu
 130 135 140
 Lys Asn Leu Gln Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Phe Pro
 145 150 155 160
 Val Ser Val Lys Pro Gly Glu Glu Val Ile Pro Lys Asp Glu Asn Gly
 165 170 175
 Lys Ile Leu Phe Asp Thr Val Asp Leu Cys Ala Thr Trp Glu Ala Met
 180 185 190
 Glu Lys Cys Lys Asp Ala Gly Leu Ala Lys Ser Ile Gly Val Ser Asn
 195 200 205
 Phe Asn His Arg Leu Leu Glu Met Ile Leu Asn Lys Pro Gly Leu Lys

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210 215 220
 Tyr Lys Pro Val Cys Asn Gln Val Glu Cys His Pro Tyr Phe Asn Gln
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 Arg Lys Leu Leu Asp Phe Cys Lys Ser Lys Asp Ile Val Leu Val Ala
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 Tyr Ser Ala Leu Gly Ser His Arg Glu Glu Pro Trp Val Asp Pro Asn
 260 265 270
 Ser Pro Val Leu Leu Glu Asp Pro Val Leu Cys Ala Leu Ala Lys Lys
 275 280 285
 His Lys Arg Thr Pro Ala Leu Ile Ala Leu Arg Tyr Gln Leu Gln Arg
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 Gly Val Val Val Leu Ala Lys Ser Tyr Asn Glu Gln Arg Ile Arg Gln
 305 310 315 320
 Asn Val Gln Val Phe Glu Phe Gln Leu Thr Ser Glu Glu Met Lys Ala
 325 330 335
 Ile Asp Gly Leu Asn Arg Asn Val Arg Tyr Leu Thr Leu Asp Ile Phe
 340 345 350
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<210> 784

<211> 6353

<212> DNA

<213> Homo sapien

<400> 784

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<211> 5502

<212> DNA

<213> Homo sapien

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<210> 786
<211> 108
<212> PRT
<213> Homo sapiens
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<210> 787
<211> 152
<212> PRT
<213> Homo sapiens
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<400> 787

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			20					25					30		
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		35					40					45			
Gly	Ser	Val	Lys	Arg	Glu	Asp	Ile	Phe	Tyr	Thr	Ser	Lys	Leu	Trp	Ser

50 55 60
 Thr Phe His Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Asn Ser Leu
 65 70 75 80
 Lys Lys Ala Gln Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Ser Pro
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 Met Ser Leu Lys Pro Gly Glu Glu Leu Ser Pro Thr Asp Glu Asn Gly
 100 105 110
 Lys Val Ile Phe Asp Ile Val Asp Leu Cys Thr Thr Trp Glu Ala Met
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 Glu Lys Cys Lys Asp Ala Gly Leu Ala Lys Ser Ile Gly Val Ser Asn
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 Phe Asn Pro Gln Ala Ala Gly Asp
 145 150

<210> 788
 <211> 1633
 <212> DNA
 <213> Homo sapiens

<400> 788

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<210> 789
 <211> 200
 <212> PRT
 <213> Homo sapien

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<400> 789

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 Glu Val Pro Val Asn Phe Ala Glu Phe Ser Lys Lys Cys Ser Glu Arg
 35 40 45
 Trp Lys Thr Met Ser Gly Lys Glu Lys Ser Lys Phe Asp Glu Met Ala
 50 55 60
 Lys Ala Asp Lys Val Arg Tyr Asp Arg Glu Met Lys Asp Tyr Gly Pro
 65 70 75 80
 Ala Lys Gly Gly Lys Lys Lys Lys Asp Pro Asn Ala Pro Lys Arg Pro
 85 90 95
 Pro Ser Gly Phe Phe Leu Phe Cys Ser Glu Phe Arg Pro Lys Ile Lys
 100 105 110
 Ser Thr Asn Pro Gly Ile Ser Ile Gly Asp Val Ala Lys Lys Leu Gly
 115 120 125
 Glu Met Trp Asn Asn Leu Asn Asp Ser Glu Lys Gln Pro Tyr Ile Thr
 130 135 140
 Lys Ala Ala Lys Leu Lys Glu Lys Tyr Glu Lys Asp Val Ala Asp Tyr
 145 150 155 160
 Lys Ser Lys Gly Lys Phe Asp Gly Ala Lys Gly Pro Ala Lys Val Ala
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 Arg Lys Lys Val Glu Glu Glu Asp Glu Glu Glu Glu Glu Glu Glu
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<210> 790

<211> 457

<212> DNA

<213> Homo sapiens

<400> 790

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<210> 791

<211> 126

<212> PRT

<213> Homo sapiens

<400> 791

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Pro Glu Val Trp Ile Leu Ser Pro Leu Leu Arg His Gly Gly His Thr

TDE050" 92954850

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Gln Thr Gln Asn His Thr Ala Ser Pro Arg Ser Pro Val Met Glu Ser
35 40 45

Pro Lys Lys Lys Asn Gln Gln Leu Lys Val Gly Ile Leu His Leu Gly
50 55 60

Ser Arg Gln Lys Lys Ile Arg Ile Gln Leu Arg Ser Gln Cys Ala Thr
65 70 75 80

Trp Lys Val Ile Cys Lys Ser Cys Ile Ser Gln Thr Pro Gly Ile Asn
85 90 95

Leu Asp Leu Gly Ser Gly Val Lys Val Lys Ile Ile Pro Lys Glu Glu
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His Cys Lys Met Pro Glu Ala Gly Glu Glu Gln Pro Gln Val
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<210> 792
<211> 461
<212> DNA
<213> Homo sapiens

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gagagcccca aaaagaagaa ccagcagctg aaagtcggga tcctacacct gggcagcaga 180
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<210> 793
<211> 108
<212> PRT
<213> Homo sapiens

<400> 793
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5 10 15

Ser Pro Leu Leu Arg His Gly Gly His Thr Gln Thr Gln Asn His Thr
20 25 30

Ala Ser Pro Arg Ser Pro Val Met Glu Ser Pro Lys Lys Lys Asn Gln
35 40 45

Gln Leu Lys Val Gly Ile Leu His Leu Gly Ser Arg Gln Lys Lys Ile
50 55 60

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Arg Ile Gln Leu Arg Ser Gln Val Leu Gly Arg Glu Met Arg Asp Met
65 70 75 80

Glu Gly Asp Leu Gln Glu Leu His Gln Ser Asn Thr Gly Asp Lys Ser
85 90 95

Gly Phe Gly Phe Arg Arg Gln Gly Glu Asp Asn Thr
100 105

<210> 794
<211> 970
<212> DNA
<213> Homo sapiens

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<210> 795
<211> 152
<212> PRT
<213> Homo sapiens

<400> 795
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5 10 15

Leu Ala Ile Glu Ala Gly Phe Arg His Ile Asp Ser Ala His Leu Tyr
20 25 30

Asn Asn Glu Glu Gln Val Gly Leu Ala Ile Arg Ser Lys Ile Ala Asp
35 40 45

Gly Ser Val Lys Arg Glu Asp Ile Phe Tyr Thr Ser Lys Leu Trp Ser
50 55 60

Thr Phe His Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Asn Ser Leu

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<210> 797
<211> 120
<212> PRT
<213> Homo sapiens
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35 40 45

Pro Pro Gly Arg Ala Glu Trp Tyr Gly Pro Ala Gly Val Lys Ala Gly
50 55 60

Gly Arg Arg Arg Val Pro Arg Arg Arg Arg Arg Trp Gly Cys Val Gln
65 70 75 80

Glu Glu Arg Trp Ala Gly Pro Ala Arg Val Gly Gly Arg Pro Arg Gly
85 90 95

Pro Gly Arg Ala Ala Ala Arg Arg Ala Ala Ala Ser Thr Arg Ala Ala
100 105 110

Ser Pro Arg Cys Thr Thr Cys Arg
115 120

<213> Homo sapiens

Pro Arg Val Arg Gly Arg Val Gly Ser Ala Ser His Gly Gly Thr Trp
5 10 15

Arg Ala Glu Pro Glu Ser Gly Trp Gly Pro Arg Gly Arg Gly Arg Thr
 20 25 30
 Ala Ala Gly Ser Gly Glu Lys Arg Ala Leu Pro Trp His Gly Pro Pro
 35 40 45
 Pro Pro Ala Ala Arg Asn Gly Met Ala Arg Pro Glu Leu Arg Pro Gly
 50 55 60
 Gly Gly Gly Glu Ser Arg Gly Gly Gly Asp Asp Gly Ala Ala Cys Arg
 65 70 75 80
 Arg Asn Ala Gly Gln Gly Arg Arg Gly Ser Gly Gly Ala Arg Gly Ala
 85 90 95
 Arg Ala Glu Arg Arg Arg Ala Gly Arg Gln His Pro Leu Gly Pro His
 100 105 110
 Arg Arg Gly Ala Gln Arg Ala Ala Glu Arg Ala His Pro Ala Ala Ala
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 Gly Pro Gly Arg

<210> 799
 <211> 60
 <212> PRT
 <213> Homo sapiens

<400> 799
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 Arg Arg Gly Arg Gly Arg Asn Ala Arg Cys Pro Gly Thr Gly Pro Pro
 35 40 45
 Pro Arg Pro Arg Gly Met Val Trp Pro Gly Arg Ser
 50 55 60

<210> 800
 <211> 2477
 <212> DNA
 <213> Homo sapien

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<400> 800

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<210> 801

<211> 1619

<212> DNA

<213> Homo sapien

<400> 801

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<211> 1238

<212> DNA

<213> Homo sapien

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<213> Homo sapiens

<400> 805

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ttataacttt ataaagtttt tcatcatcac cacagcaatc acaaagagaa taattatgaa 3780
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```

<210> 808

<211> 781

<212> DNA

<213> Homo sapiens

<400> 808

```

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gaagaggaac cagcaggctt ccggagggtt gtgtggtcag tgactcagag tgagaaggcc 180
ctcgaagtcg tcgtccctct catgcggtgc cagcccatg gaccttcttg tctcgtcacg 240
gccataacta gggaggaagg agggccgagg agtgaggagg ctcaggcgaa gctggggctc 300
tgttgggggt atccgagtc cagaagcacc tggaaacccg acagaagatt ctggactccc 360
cagacgggac caggagaggg acggcatgag cgacacacac aaacacagaa ccacacagcc 420
agtcccagga gccagtaat ggagagcccc aaaaagaaga accagcagct gaaagtcggg 480
atcctacacc tgggcagcag acagaagaag atcaggatac agctgagatc ccagtgcgcg 540

```

```

acatggaagg tgatctgcaa gagctgcac agtcaaacac cggggataaa tctggatttg 600
ggttcggcg tcaaggtgaa gataatacct aaagaggaac actgtaaaat gccagaagca 660
ggtgaagagc aaccacaagt ttaaatagaag acaagctgaa acaacgcaag ctgggtttat 720
attagatatt tgacttaaac tatctcaata aagttttgca gctttcacca aaaaaaaaaa 780
a                                                                 781

```

```

<210> 809
<211> 160
<212> PRT
<213> Homo sapiens

```

```

<400> 809
Met Arg Cys His Ala His Gly Pro Ser Cys Leu Val Thr Ala Ile Thr
          5                      10                      15

Arg Glu Glu Gly Gly Pro Arg Ser Gly Gly Ala Gln Ala Lys Leu Gly
          20                      25                      30

Cys Cys Trp Gly Tyr Pro Ser Pro Arg Ser Thr Trp Asn Pro Asp Arg
          35                      40                      45

Arg Phe Trp Thr Pro Gln Thr Gly Pro Gly Glu Gly Arg His Glu Arg
          50                      55                      60

His Thr Gln Thr Gln Asn His Thr Ala Ser Pro Arg Ser Pro Val Met
          65                      70                      75                      80

Glu Ser Pro Lys Lys Lys Asn Gln Gln Leu Lys Val Gly Ile Leu His
          85                      90                      95

Leu Gly Ser Arg Gln Lys Lys Ile Arg Ile Gln Leu Arg Ser Gln Cys
          100                     105                     110

Ala Thr Trp Lys Val Ile Cys Lys Ser Cys Ile Ser Gln Thr Pro Gly
          115                     120                     125

Ile Asn Leu Asp Leu Gly Ser Gly Val Lys Val Lys Ile Ile Pro Lys
          130                     135                     140

Glu Glu His Cys Lys Met Pro Glu Ala Gly Glu Glu Gln Pro Gln Val
          145                     150                     155                     160

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```

<210> 810
<211> 624
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(624)
<223> n=A,T,C or G

```

0098466092967860

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agccctcat	gatnggcacc	gggacagtca	cgaggaaggg	ctccaccttc	cggcccatgg	120
acacggatgc	cgaggaggca	ggggtgagca	ccgatgccg	cggccactat	gactgcccgc	180
agcgggccgg	ccgccacgag	tacgcgctgc	ccctggcgcc	cccggagccc	gagtagccca	240
cgcccatcgt	ggagcggcac	gtgctgcgcg	cccacacgtt	ctctgcgcag	agcggctacc	300
gcgtcccagg	gccccagccc	ggccacaaac	actccctctc	ctcggggcggc	ttctcccccg	360
tacggggtgt	gggcccggcc	gacggagact	atcaaaggcc	acacagcgca	cagcctgcgg	420
acaggggcta	cgaccggccc	aaagctgtca	gcgcctcgc	caccgaaagc	ggacaccctg	480
actctcagaa	gcccccaacg	catccccgga	caagtgcag	ctattctgcc	cccagagact	540
gcctcacacc	cctcaaccag	acggccatga	ctgccctttt	gtgaacacaa	tgtgaaagaa	600
gcctgctgtg	gtactgagcg	tcgg				624

<213> Homo sapiens

agcgggctgt	gaggacgctc	tgggccaggc	tgcagcgcga	gcgttcagag	ctgctgggct	60
ctttcgagga	tgttctgata	cgcgcgtcgg	cctgcctgga	ggaggcggcc	cgggagcgcg	120
acggcctgga	gcaggcgctg	cggaggcgcg	agagcgagca	cgagaggagag	gtgcgcgctc	180
tgtacgagga	gacggagcag	cttcgggagc	agagccggcg	cccgccgagt	cagaacttcg	240
cccgcgggga	gcggagaagc	cgtctggagc	tggagctgca	gatccgcgag	caggacctgg	300
aacgcgcggg	cctgcggcag	cgggagttag	agcagcagct	gcacgcccag	gctgcggagc	360
acctggaggc	acaggcccag	aactcccagc	tgtggcgggc	gcacgaggcg	ctgcgaacgc	420
agctggaggg	ggcgcaggag	cagatccgca	ggctggagag	cgaagcacga	ggccgccagg	480
agcaaaccga	acgagacgtg	gtcgccgtct	ccaggaacat	gcagaaagag	aaagtcagcc	540
tgctacggca	actggagctg	ctcaggggagc	tg			572

<213> Homo sapiens

<223> n=A, T, C or G

cggaagtgtg	cgcagcgcgg	ttgccaatgg	tgcctccctg	atttnatgcc	gctcgtggtg	60
ttttgcgggc	tgccgtacag	cggcaagagc	cggcgtgctg	aagagtgtcg	cgtggcgctg	120
gctgccgagg	gccgcgcggt	gtacgtggtg	gacgacgcag	ctgtcctgcg	cgcagaggac	180
ccagcgggtg	acggcgattc	tgcccgtag	aaggcattgc	gtggagctct	gcgagcctcc	240
gtggaacggc	gcctgagtcg	ccacgacgtg	gtcatcctgg	actcgcttaa	ctacatcaaa	300
ggtttccgtt	acgagctcta	ctgcctggca	cgggcggcgc	gcaccccgct	ctgcctggtc	360
tactgcgtac	ggcccgggcg	cccgatcgcg	ggacctcagg	tggcggggcg	gaacgagaac	420
cctggccgga	acgtcagtgt	gagttggcgg	ccacgcgctg	aggaggacgg	gagagcccag	480
gcggcgggca	gcagcgtcct	cagggaactg	catactgcgg	actctgtagt	aaatqaaagt	540

gcccaggccg acgtacccaa ggaactggag cgagaagaat ccggggctgc ggag 594

<210> 813
<211> 561
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(561)
<223> n=A,T,C or G

<400> 813
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tagatgaagc caaacattgt tggaggtagt gaaatcttag actccaccat gtgtccagga 120
ncccatgtac gtctctctct ctgaaaactc cgtgtggccc tcgtctctgca ctgtcatgag 180
gcggtgatgg agctagatac ccaccacgga caatgatcat cagtttgggg ttctctgggt 240
ctcacaggga cgcacattct aggggtagca cgacactccc cctgtagttg ctccacacaa 300
acgggatctc tcatccaggc gatacgtctg gtcctgtggc atgtggctct cnacgaaaca 360
ccagggangc attatgttgg ggacttcttg gggctctgct ggtctctgct ccagacacga 420
ttaatccgaa atgtgtttaa tcgancacat ggggccacgt ccaggacagc tcccatcgaa 480
ctctcnaggc tctctanctc agggatgaag gaggtnaagt gatcgatnct cacaagcgan 540
agctctcgcn cnatatctgc g 561

<210> 814
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(307)
<223> n=A,T,C or G

<400> 814
cntcngngng ttggttgtgt gggntnttct cgggtgattg ggtgnnatta ctggacccaa 60
ccnncgtgga aanggctggg nncgcggccg ntctngcaga agtatcccga tttttttttt 120
tttttttttt tttttgngg agggaaantt ncagacatag ctttattgct gactcctgcc 180
cccttcanag ccctagtcac aggcnnccagg gntgttttgt aanttaaant ttcnggaaaa 240
tngngntntt tntgcatnca anagaagggn tgccaaangn ggggtattgc ttctgggtgg 300
nttacc 307

<210> 815
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n=A,T,C or G

<400> 815
ggcacgagat ataatcagac tcttactcct gtacttctag aaatgatgca aacacttcaa 60

094964860
T0E050" 92964860

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ccagcttctt ccagaattac aagtcattca caataggat aagccattgc gacgcagggt 240
gatttggtc atcggtcagt ggatttctgt gaaattcaag tctgacttaa gacccatgct 300
ttatgaagca atctgtaact tgcttcaaga tcaagattta gtggccgtat tgaaacagct 360
acaactttga agttaactgt tgatgatttt gaatttagaa cagatcagtt tctaccgtat 420
ttggaaacca tggtcacact actttttcag ttactgcagc aagttacaga atgtgacaca 480
aagatgcatg ttttgcattg cctttcttgt gtgatcgaaa gagtcaacat gcagatacga 540
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caatatgttg agatgtgcta ttttgaccac acttattcat cttggtcagg gattangagc 660
agacagcaag acctgtccct ttctgtctcc agttattcac tgagtaccag atgtttcaca 720
gccttcncat gtttattttt ctggaaaatg ggtaaaaaat atnggtanga acctttggga 780
aaac 784

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```

<210> 816
<211> 813
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(813)
<223> n=A,T,C or G

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<400> 816
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agcagctgct gccagagccc tcttgtagct tctttatttt ctgtttcttt ccagctttcc 180
taccctccta tcccccttg tgtttgggcc acaattttga aataattttt attataggta 240
tgtgctgcc aagccagatt ttataaagg aaaataaatt aagaatttaa acagtaaaag 300
ccagtgtctc aaaatgtcag cattaataat tgaaggggac agcagggtgt gaaccggaaa 360
cacacattgc caaacagttg ccaactgaac tgctgcttct catggtccgt tcttttcttt 420
gcccttaagg tcaatgccag tgtccagacg agcagtgtag aaaagctccc tgtgtggttt 480
gtcgtgaggt ctgcttgat ctcttactg gcgttagttt cattagctct ttattctcct 540
tacgttcgag tgaatctgcc aagaacactg gtggatagta ttatcctaac acttttggtt 600
tgggggcggg gagggggcag ggaatagtga cttggcttta ccaccttcag gatctcgaat 660
tgggcgcttg aacctaagaa agattgtgga cttatcaaaa gtcaccgctc agtgttcgtc 720
aagcatgtat ttatgtgacn atcatactag ggaggggatg gttgggaatt cttccatgtg 780
caaatttngn cccgcaanaa gcaaaactgg ng 813

```

```

<210> 817
<211> 229
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(229)
<223> n=A,T,C or G

```

```

<400> 817
gaaactttta cattaatgat ttattaaaaa aaacaactcc ttgtcccact ccactgngct 60
gcttgaatc tccatacatg gcctccattt tcaactgttt tnttggtcac anagctccaa 120
acanacacat ttttttttcc aggtaaaaagc tgtttttagt ttgtagtaca aatgtgactg 180

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catccaatac tgacacattg ttcctttggc ccacagtccc antcaccac

229

<210> 818
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n=A,T,C or G

<400> 818
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 cttgggttagg gctccagggt ggcctctcag gcaggaacag gcttttttcc tcctgtcttt 120
 tcctcacatc acgtcctgcc ccaggctcact gcataaataa gtgcttttga aagtattcat 180
 ctagaaagta acataaatac tgtacataga aaagggttgc cgccccttag ccttcgcact 240
 gccccagaga gctctccaca tattgcacac ggctctccca gccctgtggg gtccaggcct 300
 ggctgtgtct ttggtagaag cttcagggtc agttcctggg cagccccac atctncaccc 360
 tgctcccaaa ggggagctct agggtagtca gtgggtacca gaagccttgc tcggcctcgc 420
 tgggtggcctt ctaccangga tgctttcaca aggatgagac agaatccaa tggtatgccc 480
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 tggtttgngc tgtcatctcg gcccacggtc tctnntgcg ccaccccccc ttnntgaatc 660
 gnaantctc aaanccctta ccaccacttg atgaccnanc atttttangg cctggccttga 720
 agnggggggc cttnggcccc ccnaaggggg aaatncccc ggnngaattc ccaangggga 780
 a 781

<210> 819
 <211> 199
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n=A,T,C or G

<400> 819
 cnnngtgga anggctgggn nngcggccgt tttcgngta gtatcgcgnt tttttttttt 60
 tttttgtggg aggttntgcn gtnnttgnnt gctctctcaa attccaggaa ttgacttatt 120
 taattaatgc ctgcaacctg tgctagcaaa tatttgnaca aaacnanttg tgttgnggat 180
 gttcttttgg gtcgggcag 199

<210> 820
 <211> 211
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n=A,T,C or G

094964360


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<210> 821
<211> 952
<212> DNA
<213> Homo sapiens
```

<400>	821					
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cagcaccaag	acgaaatggg	aaactacatg	tccccaggtt	cgaggctgca	ggggcagact	180
ctggtgtgaa	caggggggat	gtgaccacct	aaggaaaagg	tcacacctgt	cttggtatca	240
ggggctcaag	agctctcaaa	aatgtaaggg	gccgacagtc	ccctgcccc	ggcctgatca	300
caactccagg	gtcatgaggt	cagagtaaag	tgcagagggt	tttaaacata	acaaaaattt	360
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cttgcaaggc	ctgggtgtgaa	cncccaaaant	ggcagcaaaa	acaacanaca	gcnctgcgac	780
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cncccagggg	accnaaaacc	cccntacntg	naataacnt	ttttttttnn	aaccntttan	900
ccantgggnt	tncnnaaaaa	acttgncccc	ttttttttnc	caanggnaaa	at	952

```
<220>  
<221> misc_feature  
<222> (1)...(587)  
<223> n=A,T,C or G
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<400> 822							
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ttttagggaa	gacacgcagt	ttcacaagaa	acaatgattt	ttctcaaaca	atagaaaaaa	120	
aggtcttttt	gaaaaatcca	ctgtcttaga	tgaaaagtct	accagcaag	cactggggca	180	
gttctgagag	tagaaaccag	tgtggtggaa	gttacttata	ggaagttcag	tgcagaggtc	240	
tccacaagtc	ctgattagtt	ctgnaaggct	ccattgggcc	agctcagggg	aacagtggga	300	
atgagctcac	agacaaaggc	aggcaccagt	tcctntgccc	gggatgcagg	ctggctcact	360	
ccccangcgg	ntgcatcttg	cttcagactc	atcaaactgc	tgctgtccan	ctnecnatg	420	
actntgttga	gaacatanaa	ctctgctctc	tggttttgct	tcantcctg	gtgggcnnaa	480	
ttctgcttag	ccttctncac	tntgaaggnt	gggtctttaa	cttttggtt	ttttttccn	540	

ggcaggggga accatgaatg gggtagatac ccacncnggg ntttggc

587

<210> 823

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(264)

<223> n=A,T,C or G

<400> 823

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gagctgcatg acagccttcc gcgggtctgn tggaaacccg acctntctg gtgtntntcc 120
ntccncncc ccaacccgcc aagggcctgc ctttctnct gggcctttgc cagcgnntgg 180
ccanaccggg gccaaaccgg nccccgggca cattttaacc nagggcncnc ttntagaana 240
aaaccccggn tgatgttata aagg 264

<210> 824

<211> 520

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(520)

<223> n=A,T,C or G

<400> 824

tcaagcngcc cccantntga tggatatctg caaaattcnc cttttaccg gccgcccgn 60
gcatgtctta ttatacaaa natccaact ccctaagngg ntcacacatn ntaaggtatt 120
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<210> 825

<211> 2064

<212> DNA

<213> Homo sapiens

<400> 825

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09849626.050300

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<210> 826
 <211> 2109
 <212> DNA
 <213> Homo sapiens

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<400> 826
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 ctttgttgtc gttgtttag ttaaaggaat ttcatttttt aaaagaaatc ttcgaagggtg 2040
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 taagacttt 2109

<210> 827
 <211> 394
 <212> PRT
 <213> Homo sapiens

<400> 827
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 Ser His Gly Thr Leu Gly Leu Pro Ser Gly Gly Lys Cys Leu Leu Leu
 35 40 45
 Asp Cys Arg Pro Phe Leu Ala His Ser Ala Gly Tyr Ile Leu Gly Ser
 50 55 60
 Val Asn Val Arg Cys Asn Thr Ile Val Arg Arg Arg Ala Lys Gly Ser
 65 70 75 80
 Val Ser Leu Glu Gln Ile Leu Pro Ala Glu Glu Glu Val Arg Ala Arg
 85 90 95
 Leu Arg Ser Gly Leu Tyr Ser Ala Val Ile Val Tyr Asp Glu Arg Ser
 100 105 110
 Pro Arg Ala Glu Ser Leu Arg Glu Asp Ser Thr Val Ser Leu Val Val
 115 120 125
 Gln Ala Leu Arg Arg Asn Ala Glu Arg Thr Asp Ile Cys Leu Leu Lys
 130 135 140
 Gly Gly Tyr Glu Arg Phe Ser Ser Glu Tyr Pro Glu Phe Cys Ser Lys
 145 150 155 160
 Thr Lys Ala Leu Ala Ala Ile Pro Pro Pro Val Pro Pro Ser Ala Thr

TOE050" 92964860

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 Glu Pro Leu Asp Leu Gly Cys Ser Ser Cys Gly Thr Pro Leu His Asp
 180 185 190
 Gln Gly Gly Pro Val Glu Ile Leu Pro Phe Leu Tyr Leu Gly Ser Ala
 195 200 205
 Tyr His Ala Ala Arg Arg Asp Met Leu Asp Ala Leu Gly Ile Thr Ala
 210 215 220
 Leu Leu Asn Val Ser Ser Asp Cys Pro Asn His Phe Glu Gly His Tyr
 225 230 235 240
 Gln Tyr Lys Cys Ile Pro Val Glu Asp Asn His Lys Ala Asp Ile Ser
 245 250 255
 Ser Trp Phe Met Glu Ala Ile Glu Tyr Ile Asp Ala Val Lys Asp Cys
 260 265 270
 Arg Gly Arg Val Leu Val His Cys Gln Ala Gly Ile Ser Arg Ser Ala
 275 280 285
 Thr Ile Cys Leu Ala Tyr Leu Met Met Lys Lys Arg Val Arg Leu Glu
 290 295 300
 Glu Ala Phe Glu Phe Val Lys Gln Arg Arg Ser Ile Ile Ser Pro Asn
 305 310 315 320
 Phe Ser Phe Met Gly Gln Leu Leu Gln Phe Glu Ser Gln Val Leu Ala
 325 330 335
 Thr Ser Cys Ala Ala Glu Ala Ala Ser Pro Ser Gly Pro Leu Arg Glu
 340 345 350
 Arg Gly Lys Thr Pro Ala Thr Pro Thr Ser Gln Phe Val Phe Ser Phe
 355 360 365
 Pro Val Ser Val Gly Val His Ser Ala Pro Ser Ser Leu Pro Tyr Leu
 370 375 380
 His Ser Pro Ile Thr Thr Ser Pro Ser Cys
 385 390

<210> 828

<211> 453

<212> DNA

<213> Homo sapien

<400> 828

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gacgggattg	ttgagcgtg	tgacctgcct	gaaatgcatg	tggttgattg	gatgctcttt	180
gaaaacatgg	gcgcttacac	tggtgctgct	gcctctacgt	tcaatggctt	ccagaggccg	240
acgatctact	atgtgatgtc	agggcctgcg	tggcaactca	tgacgcaatt	ccagaacccc	300
gacttcccac	ccgaagtaga	ggaacaggat	gccagcacc	tgctgtgtc	ttgtgcctgg	360
gagagtggga	tgaaacgcca	cagagcagcc	tgtgcttcgg	ctagtattaa	tgtgtagata	420
gcactctggt	agctgttaac	tgcaagttaa	gct			453

<210> 829
 <211> 452
 <212> DNA
 <213> Homo sapien

<400> 829						
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gagaaaggga	agagctgaca	tgtgtacgta	tatgtatatg	caacacctgt	gagaccccc	180
ttcaggtcaa	ggaaaaccgt	tgctgcacc	ccaagggcc	catatttgcc	cctccccatc	240
acagtcctgc	ccttcaccct	caagcacggg	cctaaacttg	tctgcaactt	agaaacacct	300
ggagagcatt	gaaaactctg	ctgcctaagg	tcagcatcaa	tcaaaacaat	gaaatcaatg	360
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<210> 830
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 830						
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tgcacgccct	gagctacagc	ctctcccaaa	aggcatcttc	cccacagcct	caacgccgag	180
caaggagcat	caagggtttg	tctcggttgt	tttgttcttt	ttacaaacta	tagatatata	240
cagttgaaaa	ctcaggattt	ctagccaata	accatagtta	ccaccacctt	acaaataaaa	300
agaaaatgcc	agaaacatct	ttaaatgcct	tgtcacacca	acagcaaagt	gcacagagtg	360
aggagaacac	gagagtgcct	tttcatttta	aaaatgtttg	gaaatatgta	caactttgat	420
acagtttcag	ggtgctccag	acacccatgg				450

<210> 831
 <211> 395
 <212> DNA
 <213> Homo sapien

<400> 831						
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ctttgcctgg	ccgggagggc	cttggcagcc	cctcagcaag	aagccctgcc	tgatgagaca	180
gaggtggtgg	aagaaactgt	ggcagagggt	actgagggtat	ctgtgggagc	taatcctgtc	240
caggtggaag	taggagaatt	tgatgatggt	gcagaggaaa	ccgaagagga	ggtggtggcg	300
gaaaatccct	gccagaacca	ccactgcaaa	cacggcaagg	tgtgcgagct	ggatgagaac	360
aacaccccca	tgtgctgtgt	ccaggacccc	accag			395

<210> 832
 <211> 291

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<212> DNA
<213> Homo sapien

<400> 832
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agttttttgt gagttatgtc cttgttgctt ttgcctcttt ttctttctag ccttgattgt 180
gccagaagac aatgtcccta ttcacacact ctttctgctt ttctgtgggc aggaacatgg 240
aaggggtgct gatggacgtg gactgtgaga gcgtctaccc cactgtgtag g 291

<210> 833
<211> 491
<212> DNA
<213> Homo sapien

<400> 833
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tacttggtgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct tccgggtaga agtcacttat gagacacacc 180
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ttattatctt gataaatgac taccacaggg gactggcctg gcttctgttg ataccaacaa 480
gcagatacct g 491

<210> 834
<211> 308
<212> DNA
<213> Homo sapien

<400> 834
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tacttctgcc gtgctggaga acatcgaact gaacaagaag agtatgtatt cccgtgtgcc 120
agagtgccag gtcaccacat actattatgt tgggttcgca tatttgatga tgcgtcgta 180
ccaggatgcc atccgggtct tcgccaacat cctcctctac atccagagga ccaagagcat 240
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gctgctgg 308

<210> 835
<211> 472
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 835
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tctgccatag ccgccttgtg aggactggta ggagctggga gggccactgt agttctggcc 180
ggacccccgg gagttgtagt tcgactgtga gtagcctcct tgtttgctt ggtatgagga 240

09849626-050301

gcgcgccccca gaacctccgc cgtagccccc gtgtgaccct gggttgtagg atgccccgcc 300
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 gtagngttag tcggatccgc ccccgcccc gggagagttg tngganttcg agtaggagta 420
 gctgccttgt ccatggttat agcctttctg cttgccctgt ggagggccat ag 472

<210> 836
 <211> 354
 <212> DNA
 <213> Homo sapien

<400> 836
 ccagtgaac cttcagatag acacatggtg accagagccc gccaggcttc tgcaggtggc 60
 agtgtcgagc aagtgtgaaga tgtctgtggg aaggagaagc tcctgaaatg aacgttctgc 120
 aaacagaagg ctgaggggtc ttccaggcat gtccagtcac taggagctgc caccggtggg 180
 cttgagtgcc aggtcttagg ctttgtgcag aaagcaccgc gggcgggggg cggttaaggga 240
 gagcaaaatg ggtctctctc aactgcagtc agtgtcctcg ggaacacggt ctcacagaca 300
 gcacatattc tacgtcacag ctctagggtt tcaaggactt agccatccga cagg 354

<210> 837
 <211> 318
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 837
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 aacggggcgg atggcgccca gccagccct aactgccagc cacattgaag cggacattgg 180
 caaccgggtc cccagccatg cgcagaaccg tgggtagcat gtgcttggtg gtgatgtcct 240
 gccacagac ctcagacggc acattgatgc agaagagcgt antcatgcgg tgcaggtagt 300
 tgggggtctcc ggacatgg 318

<210> 838
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 838
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 aaattctaca agggcaagaa gtacaagccc ctggacctgc ggcctaagaa ggcacgtgcc 180
 atgcgccgcc ggctcaacaa gcacgaggag aacctgaaga ccaagaagca gcagcggaag 240
 gagcggctgt acccgctgcg gaagtacgcg gtcaagg 277

<210> 839
 <211> 276
 <212> DNA
 <213> Homo sapien

<400> 839

034956-050501


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tgatctgtgg ctgggataag aagggtcctg gactctacta cgtggatgaa catgggactc    180
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<210> 840
<211> 453
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

```

```

<400> 840
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taacaaaaga catgactggg aaagaagaca actaccgggg cccggccgtg cgagccctct    180
gccagatcac tgatagcacc atgctgcagg ctattgagcg ctacatgaaa caagccattg    240
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gcagctttga cgtggtcaag cgctgggtga atgaggctca ggaggcagca tccagtata    360
acatcatggt ccagtaccac gcactanggc tcctgtacca tgtgcgtaag aatgaccgcc    420
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```

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<210> 841
<211> 142
<212> DNA
<213> Homo sapien

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<400> 841
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gtacctatcc ttgtgtttct gatgcagtgg tagcattggt tcaagttctc tcctgctgtg    120
gtcagagttg cttcgatggt gg                                142

```

```

<210> 842
<211> 83
<212> DNA
<213> Homo sapien

```

```

<400> 842
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caaacatat aactgaactc ccc                                83

```

```

<210> 843
<211> 482
<212> DNA
<213> Homo sapien

```

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<400> 843
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agctgtccca ggcgtcacia cccatcctcc caggctgggg gagaaaggac ctctggaac    120
tgacttcttc tgtcaggagg actggtttcc agccatacct gttctggaag ggagaggggc    180

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T05050-925450

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gggcaaattc	ctgccctctc	tctctggcct	ctgggccggt	tggtagtaat	caccagggg	300
ctggtaaagc	ccctcctctt	ggcacctcag	aatcacagtg	ttactgatca	gggatgtgag	360
gctgctgttg	ggggtggggg	gaggggaatg	ggcaggcaag	ccagtcttct	gtcttccttt	420
gctaacttag	ggttttgagc	aggttggggg	tatggtgcct	gtcataccca	cctgccaccc	480
tg						482

<210> 844
 <211> 534
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(534)
 <223> n = A,T,C or G

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tatgcacaga	gctataagca
attaaggagc	agttgcataa
cgagccaaaa	gggcaacaat
cattgaacga	aatgcatttt
tctgtacaga	ggttnaagga
ggaggaaaact	gcttattgga
tcgggatgag	ctagttgaat
acaattagta	caggctgaac
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gtatgtgaga	gagctggagc
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tagaaaagttg	aacttgatga
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	aagaactagc
	agtt
	60
	120
	180
	240
	300
	360
	420
	480
	534

<210> 845
 <211> 175
 <212> DNA
 <213> Homo sapien

<400> 845	
tcgacctgtg	gcaaattgtg
aaggctaata	gacgaaatac
cgagatttca	ggcatggatt
	ctaccctgcc
	aagcgcaaga
	gaaagtataa
	ctggagtgcc
	ggcacctaaa
	aattgtatac
	aacccaagag
	ggcag
	60
	120
	175

<210> 846
 <211> 179
 <212> DNA
 <213> Homo sapien

<400> 846	
cgcgtaggaca	gttgcgaggg
ccgtcccagg	atgggagaac
atcgctggag	cgggcgttct
	gtctgtgtga
	aggcacttgt
	cacgagcttc
	aatactgccg
	tctgaaagca
	cagtggagag
	ggcaggcagg
	gtggactgg
	60
	120
	179

<210> 847
 <211> 410
 <212> DNA
 <213> Homo sapien

<400> 847

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ccacaaaaac cagtcacaag acctggagtt gtctgtgcag atgtacgccc aagccgccct 60
 ggatggagac tcccagggat tttttaacct ggccctgcta atcgagggaag gtacgataat 120
 cccacaccat atcttggatt tcttggaat tgactcaact ctccattcta ataacatctc 180
 cattctccag gaactgtacg aaagggtgctg gagccacagt aacgaggagt ccttcagccc 240
 ctgtcccttg gcctggcttt acctgcactt gcggcttctc tggggtgcta tctgcactc 300
 agccctgatc tactttctgg gaacctttct gctatccata ttgatcgctt ggactgtgca 360
 gtatttccag tctgtctcag caagcgatcc ccctccaaga ccatcccagg 410

<210> 848
 <211> 557
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 848
 cacgggcccc cagccctgtg tggccttgt ctgtctcagc tcaaccacag tctgacacca 60
 gagcccactt ccattctctc tgggtgtgagg cacagcgagg gcagcatctg gaggagctct 120
 gcagcctcca cacctaccac gacctcccag ggctgggctc aggaaaaacc agccactgct 180
 ttacaggaca gggggttgaa gctgagcccc gcctcacacc caccctcatg cactcaaaga 240
 ttggatttta cagctacttg caattcaaaa ttcagaagaa taaaaaatgg gaacatacag 300
 aactctaaaa gatagacatc agaaattgtt aagttaagct ttttcaaaaa accagcaatt 360
 cccagcgta gtcaagggtg gacactgcac gctctggcat gatgggatgg cgaccgggca 420
 agctttcttc ctgagatgc tctgctgctt gagagctatt gctttgttaa gatataaaaa 480
 ggggtttctt tttgtcttc tgtaaggngg acttccagct tttgattgaa agtcctaggg 540
 tgattctatt tctgctg 557

<210> 849
 <211> 525
 <212> DNA
 <213> Homo sapien

<400> 849
 ctgatggttt ggaaatgaga gaactacagt ggtgaagaga ccaggaggca gctctcagt 60
 aaaccaacat tgcggatgcc cttcgtgagc cttctcagtc ccagcaggaa gccacaaca 120
 ctggcctccc cagcctgcct gctgacaaca cctaggctta ctttatctaa aatcagagt 180
 taccaggtct gtagcagaaa ataactcaact aaatgtcagg gacctatgag tcatttaaaa 240
 caaaagagga agtgaaagcc attaggcaag ctatgtgctg ggctgctaac gtagcccttg 300
 caggagggg tcaggagcgc gctgcagtga gccttgggtc tcgaggccc agccctgctg 360
 caaggagcca gggcaccag gaaacatcag cacacacaca cacagggacc ctcccttcat 420
 gtcacttggt ttgctgccct aaatggcttc ttgcacccta acccctgatc ctggaagaag 480
 gcagagagac tggcccgtac agagacctgc aattctacgc aagct 525

<210> 850
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 850
 cctcttgag cacatccttt actgcattgt ggacagcgag tgtaagtcaa gggatgtgct 60
 ccagagttac tttgacctcc tgggggagct gatgaagttc aacgttgatg cattcaagag 120

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attcaataaa	tatatcaaca	ccgatgcaaa	gttccaggta	ttcctgaagc	agatcaaacag	180
ctccctggtg	gactccaaca	tgctggtgcg	ctgtgtcact	ctgtccctgg	accgatttga	240
aaaccagggtg	gatatgaaag	ttgccgaggt	actgtctgaa	tgccgcctgc	tcgcctacat	300
atcccagggtg	cccacgcaga	tgctcttcct	cttccgcctc	atcaacatca	tccacgtgca	360
gacgctgacc	caggagaacg	tcag				384

<210> 851
 <211> 423
 <212> DNA
 <213> Homo sapien

<400> 851	
ctcaggaaaa	accagccact gctttacagg acaggggggtt gaagctgagc cccgcctcac 60
acccaccccc	atgcactcaa agattggatt ttacagctac ttgcaattca aaattcagaa 120
gaataaaaaa	tggaacata cagaactcta aaagatagac atcagaaatt gttaagttaa 180
gctttttcaa	aagatcagca attccccagc gtatgcaagg gtggacaactg cacgctctgg 240
catgatggga	tggcgaccgg gcaagctttc ttctctgaga tgctctgctg cttgagagct 300
attgctttgt	taagatataa aaaggggttt ctttttgtcc ttctgtaagg tggacttcca 360
gcttttgatt	gaaagtccta gggtgattct atttctgctg tgatttatct gctgaaagct 420
cag	
	423

<210> 852
 <211> 413
 <212> DNA
 <213> Homo sapien

<400> 852	
ctgaaaacag	tgggaggcca gatgctggca tcttccagac gggagcatag ccatggtcac 60
tctagccgat	gtctcctggg gctctcaggc ggcaaggacc agatgcacca ctactgtcca 120
atcccagttt	tacttagagc cacctccttt tttggggcca ttagtcctta tttcatgcca 180
gattttcact	agcggctccc tgttcttcca aatcaattca tgaccgtaag taacatacca 240
tattccaaaa	agagctcccc caagatgtgc cgcgatgaca aaaaatttcc atcccaggat 300
cattcctgct	gtatccatgg cgataatggc tttcagggca ttccctgctg tgaacgtgaa 360
catcggaagg	aaaataatgg caagcctccc ttctgggata ttagtgcaga cag 413

<210> 853
 <211> 288
 <212> DNA
 <213> Homo sapien

<400> 853	
atctgtgagt	tctgagaggc atttaggcca tgggacaggg aggatcctgt ctggccttca 60
gtttccatcc	ccaggatcca cttgggtctgt gagatgctag aactcccttt caacagaatt 120
cacttggtggc	tattagagct ggaggcacc tttagccactt cattccccctg atgggccttg 180
actcttcccc	ataatcactg accagccttg aactccccct tgcaaaccat cccagcactg 240
cacccagggc	agccactcct agccttggcc tttggcatga gatggggg 288

<210> 854
 <211> 427
 <212> DNA
 <213> Homo sapien

<400> 854	
ccaagtgaga	tcagccctca agggcacatg ccaagggcag agcagcccat gtagacagct 60

tcggagggca	tgggggtgta	gggagttcgg	ggtagctcct	cattaactat	ttgttgggtg	120
agtaaagggg	tgaggctcag	tggcaggtac	ctctgcaatg	acaagctgcc	tccctctat	180
gtgttttagca	tatgttatta	gaacgtgtcc	gacacccta	ccgctgccat	ttgggccctt	240
taataaagcc	aagtagagaa	atctggcaat	aaaaggcaaa	tgtaagcatg	ctttctttaa	300
gacgcatcat	aaatggtttt	ctttaagtga	atggaagagt	ttgacagaga	tacacctttg	360
taagaaaaca	ttaagaatgc	tggctgactg	tggtaggtca	cacctgtatt	cccagcactt	420
tgggagg						427

<210> 855
 <211> 311
 <212> DNA
 <213> Homo sapien

<400> 855						
ccagtattcc	tggaggatat	aacactgaca	tcagcagggt	tttcaatggc	aacaattgca	60
cgagctgcc	gcagaagctt	ctcccaggtc	ctcttgagat	ttatgatata	gatgccatca	120
cttttccttt	tatagatgta	ctgttccatc	tggaagtcaa	gattggtgcc	acctaagtgg	180
gttcctgctg	caaggaaactt	aaggacatcc	tcctccttca	tttgcaggac	atcaagggct	240
ccggacattg	tgaaagtttc	cctttaagtt	acgacgggaa	tccagaacaa	cgccgtatgg	300
acccctctgc	a					311

<210> 856
 <211> 328
 <212> DNA
 <213> Homo sapien

<400> 856						
cctatggaag	tttgggtgctt	tgtccctgt	gtttgcgaaa	caggatatctc	gtgatttcag	60
aaaagcttga	ggagattaag	tctttccggg	agctgacctg	cctggatctt	tcctggtgca	120
agcttgagga	tgagcatgaa	cttctagaac	atctcaccaa	tgaagccctg	tctagtgtaa	180
ctcagctcca	cctgaaggat	aattgtctat	ctgatgctgg	ggtgcggaag	atgacagcac	240
cagttcgagt	gatgaaaaga	ggtatccaat	gcctgcatct	gtgatctcag	ggttacatga	300
taagtcta	aattgtagat	tctcaagg				328

<210> 857
 <211> 502
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 857						
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actgaggaag	agaagaattt	caaagccttc	gctagtctcc	gtatggcccg	tgccaacgcc	120
cggctcttcg	gcatacgggc	aaaaagagcc	aagggaagccg	cagaacagga	tggtgaaaag	180
aaaaaataaa	gccctcctgg	ggacttggaa	tcagtccggca	gtcatgctgg	gtctccacgt	240
ggtgtgtttc	gtgggaacaa	ctgggcctgg	gatggggctt	cactgctgtg	acttcctcct	300
gccaggggat	ttggggcttt	cttgaaagac	agtccaagcc	ctggataatg	ctttactttc	360
tgtgttgaag	cactgtttgg	tgtttggtta	gtgactgatg	taaaacgggt	ttcttgtggg	420
gaggttacag	aggctgactt	cagagtggac	ttgtgttttt	tcttttttaa	gangtaaggt	480
tgggctgggtg	ctcacagacc	tc				502

<210> 858
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 858
 cgcccgaggt ccttaatat taagttacag ctaagaatgt catgtcttgg gttggaattt 60
 tcatttttag caccgttaat gtattcactt aaatctatgt tagcaccttg tctccaggca 120
 gaacaacaaa ccatccaaac attttaaaca ttgggggaaa cacgaagggg agggttaaag 180
 acagaatcca gtactgtgga aggagtggat ttagatcaca agatccttgt cgatatacctt 240
 ctgcttgatg ccgaagcagc cggcccaactc atccagggcg atgtacttgt cattgtccag 300
 gtcacaggtc tcgaaaaagc ggggtggtgca atgctccatg gggatgaggg gagcacgcag 360
 tggagccagc tcggtgtggg agaggtagcc gtcaatgggg tgctggtcca g 411

<210> 859
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 859
 aaatcacaga gggacttagt attccattaa tgcaaatgga aacattaagt tcatcatcag 60
 atgataaaaag gaaaaaaaaa acctgatact catctcaaaa gacgcagaga agacatctgc 120
 ataaatccag tacctattat tatttcaaat ttaaaaactt cttctttttt aagagatagg 180
 gtatcactat gttgcccagg ctgatcttga actcttggcc tcagatgatc ct 232

<210> 860
 <211> 235
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 860
 tgcccagaaa ggaaggggct attgectcct cccagccacg ttccctttcc tcctctccct 60
 cctgtggatt ctcccatcag ccatctgggt ctctcttaa ggccagttga agatgggtcc 120
 ttacagcttc ccaagttagg ttagtgatgt gaaatgtcc tgtccctggc cctacctcct 180
 tcctgtccc caccctgca taaggcagtt gttggttttc ttccccaatn ctttt 235

<210> 861
 <211> 457
 <212> DNA
 <213> Homo sapien

<400> 861
 ccaaaggaaa gttggaaggc aactgacaga ttctgccttt taggtacttg aactggcagg 60
 aaatgcataa aaagacttaa aggtaaagcg tattaccctt cgtcacttgc aacttgctat 120
 tcgtggagat gaagaattgg attctctcat caaggctaca attgctggtg gtggatatgt 180
 aacttctaac attttaaaaa atttcttcag aggaaggaaat tttttgctgc ttttaattag 240
 tttttccagg agaggaaatt taagtatatt ttcaatgatg gaagtatggt tgtatcatga 300
 aatttgattt atatgtataa ctcaatgaat ttttacctca tacttgagct gcatgttttt 360

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aaagatacct ttcaagttga acagtataca ctttcttggt ttcaaatact gtgatttttt 420
 aaaaaatcct aagtagaatt aattcctgtc actcccc 457

<210> 862
 <211> 561
 <212> DNA
 <213> Homo sapien

<400> 862
 ccaggtcatc accattggca atgagcgggt ccggtgtccg gaggcgctgt tccagccttc 60
 cttcctgggt atggaatcct gcggcatcca cgagaccacc ttcaactcca tcatgaagtg 120
 tgacgtggac atccgcaaag acctgtacgc caacacgggt ctgtcgggcg gcaccacccat 180
 gtatccgggc attgccgaca ggatgcagaa ggagatcacc gccctggcgc ccagcaccat 240
 gaagatcaag atcatcgcac ccccagagcg caagtactcg gtgtggatcg gtggctccat 300
 cctggcctca ctgtccacct tccagcagat gtggattagc aagcaggagt acgacgagtc 360
 gggccccctc atcgtccacc gcaaattgct ctaaaccggac tcagcagatg cgtagcattt 420
 gctgcattgg ttaattgaga atagaaattt gccctggca aatgcacaca cctcatgcta 480
 gcctcacgaa actggaataa gccctcgaaa agaaattgtc cttgaagctt gtatctgata 540
 tcagcactgg attgtagaac t 561

<210> 863
 <211> 291
 <212> DNA
 <213> Homo sapien

<400> 863
 ccatagctgt cccacctatg gttttaaaaa cagactgtaa cttgatcttc tgaaatcctt 60
 ctcgaaccac aactcgttct gttaaagaaa tcctaggaaa gaagtcctac tgatattgtc 120
 gatagtctcc aaaagggtgag gaaggtaact gagttgaagg caactgggag gggctctctg 180
 caaactgagg accattggaa aactgtgcag aggcaaattc tgtcaacaag ataccagctc 240
 cttcaattaa agctaggaga atgccaccca ttgcggctga cccaaccatg g 291

<210> 864
 <211> 265
 <212> DNA
 <213> Homo sapien

<400> 864
 ctgaactttt ccacctggag tccttgggaa taccggacgt gatcttcttt tataggtcca 60
 atgatgtgac ccagtctctgc agttctggga gatcaaccac catccgcgtc aggtgcagtc 120
 cacagaaaac tgtccctgga ggtttgtctg tgccaggaaac gtgctcagat gggacctgtg 180
 atggtcgcaa cttccacttc ctgtgggaga gcgcggctgc ttgcccgtc tgctcagtgg 240
 ctgactacca tgctatcgtc agcag 265

<210> 865
 <211> 144
 <212> DNA
 <213> Homo sapien

<400> 865
 cctccacctg cgttttgatc tagatgagca tattgtccat ctcccacagc ttgctccggt 60
 tccgcaggta cggccgcccg tgctcgcgcg tcagcgacgc gatgtcctcg cgcattctgt 120
 tgatgaccgg gagcagaaac tgct 144

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<210> 866
 <211> 241
 <212> DNA
 <213> Homo sapien

<400> 866
 ctggctgtaa gtagcttcat agcaccagtc tttgagaatg tcaagctctc cagaaatcat 60
 ggcctccagg acattgggga tgatgtcggt ctgcactgt ttcagaaacc ggtccttgtc 120
 aaaggccggg tccaccggga ggatctccgt gagcacctcc gacatctctg tcttgagaa 180
 caggccccc agcaagtcgg tgacctgtgc cgtaagggcc cgggatgccc ggatgaacgc 240
 g 241

<210> 867
 <211> 364
 <212> DNA
 <213> Homo sapien

<400> 867
 cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
 ttatttactg agatggagtc ttgctctgtc acccaggctg gagtgcagtg gtgcaatctc 120
 ggctcactgc aacctctgcc tcttgggctg cagtgtattct cctgcgttca agtaattctc 180
 ctgcctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
 ttctgatttt tagtagaaat ggggtttcac catgttggcg aggctgggtc cgaactcctg 300
 acctcaagga tcctcctgcc tcggcctcct aagggtgctgg gattgcaggt gtgagccacc 360
 acgt 364

<210> 868
 <211> 472
 <212> DNA
 <213> Homo sapien

<400> 868
 ccaccagtc acagatgtga ctggtaaggg atctagtaac agaggatgga gttgggcaga 60
 atattatcct ggatgatatg caccagcac taggatacac ctttcattag aatgaagaga 120
 acagacaaag ccctcagaaa agatacaaa gacagacat tgattagaac attatctcat 180
 aacagagggtg gggccattac ccaccattat tgtaaaataa ctgtaactaa ccaaaacaca 240
 tacaggcttc tttaatggag ttaataaaac tatggcacat tgggaatcag gggcagaggt 300
 actgttccca gacggaaaac tgggataaag ggagccatgc tgacagggcc ttattccagt 360
 ctaggttggt agaaaggagc cctagcccag aaatgacagc aaatagccat aatcattatg 420
 tggggctgaa ccagaggaag ccaggctgag ccaagaagct ggaagtatct tg 472

<210> 869
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 869
 cctttcttgt aagtgaagaa aaaggaatgc agcaaagaag agttcgacat tggagtcctt 60
 agttccatca ggatccatt cgagccttt agcatcatgt agaagcaaac tgcacctatg 120
 gctgagatag gtgcaatgac ctacaagatt ttgtgtttc tagctgtcca ggaaaagcca 180
 tcttcagtct tgctgacagt caaagagcaa gtgaaacctt tccagccta aactacataa 240
 aagcagccga accaatgatt aaagacctct aaggctccat aatcatcatt aaatatgcc 300
 aaactcattg tgacttttta ttttatatac aggattaaaa tcaacattaa atcatcttat 360
 ttacatgg 368

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<210> 870
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 870
 ggcgtgtcct tggacttaga gagggtgggac gtccggcttc ggagcgggag tgttcgttgt 60
 gccagcgact aaaaagagaa ttaaatatgg gtgatgttga gaaaggcaag aagattttta 120
 ttatgaagtg ttcccagtg caccaccgttg aaaaggagg caagcacaag actgggccaa 180
 atctccatgg tctctttggg cgggagacag gtcaggcccc tggatactct tacacagccg 240
 ccaataagaa caaaggcatc atctggggag aggatacact gatggagtat ttggagaatc 300
 ccaagaagta catccctgga acaaaaatga tctttgtcgg cattaagaag aaggaagaaa 360
 gggcagactt aatagcttat ctcaaaaaag ctactaatga gtaataattg g 411

<210> 871
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 871
 tttttttttt ttnnnntttt ttttttnaaa gattcacttt atttattcat tctcctccaa 60
 cattagcata attaaagcca aggaggagga gggggggtga ggtgaaanat ganctggagg 120
 accgcaatag gggtaggtcc cctgtggaaa aagggtcana ggccaaagga tgggaggggg 180
 tcaggctgga actgagganc aggtgggggc acttntccct ntaacactnt cccctgttga 240
 agctntttgt gacgggcnan ctgaggccct gatgggngac ttncnaggcg tanactttgt 300
 gtttctcgna ntctgctttg ctcanogtca ggggtgctgnt gaggctgtan ggtgctgtcc 360
 ttgctgtcct gctntgngac actct 385

<210> 872
 <211> 184
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 872
 cttccttcgg tcttttantat ttttgattgt tatgtaaaac tcgcttttat tttaatattg 60
 atgtcagtat ttcaactgct gtaaaattat aaacttttat acttgggtaa gtccccagg 120
 ggcgagttcc tcgctctggg atgcaggcat gcttctcacc gtgcagagct gcacttggcc 180
 tcag 184

<210> 873
 <211> 397
 <212> DNA
 <213> Homo sapien

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<400> 873
 ctgtgggctc tgaatggcgt ccctttggct atccacgccg ccggcgacca ctgaattctg 60
 tggttctaca acagggctctg gctgaccgaa ttgtcagaga cgtccaggaa ttcatacgata 120
 accccaagtg gtacactgac agaggcattc cttacagacg tggctacctg ctttatgggc 180
 cccctgggtg cggaaagagc agttttatca cagccctggc tggggaactg gagcacagca 240
 tctgcttctg gagcctcacg gactccagcc tctctgatga ccgactcaac cacctgctga 300
 gcgtggcccc gcagcagagc ctggtactcc tggaggatgt ggatgctgct tttctcagtc 360
 gagacttggc tgtggagaac ccagtaaagt accaagg 397

<210> 874
 <211> 156
 <212> DNA
 <213> Homo sapien

<400> 874
 ccagaagaac actatgccat ggttgactctg aattttgtgc ctactctagg gcaaacagaa 60
 ttacaatcga aggagttcct atctatctgt aaagaagaga acatgaaatt ctgttggcag 120
 aagcagcatt ttgaagaaat aaaaggttca ctgcag 156

<210> 875
 <211> 512
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 875
 ccagcatagc gaaaacttgt ctctactaaa aatacaaaaa ttagtcaggc atggtggtgc 60
 acgtctgtaa taccagcttc tcaggaggct gaggcacgag gatcacttga acccaggagg 120
 aggaggtgac agtgagctga gatcatgcca gggcaacaga atgagacttt gtttaaaaaa 180
 aaaaaaagtg acttgattta agggaaaaaa tgactggcta tattcagtca gatatggcaa 240
 agagtctcaa ggtgttaatg tgaatgatta aggtcttggg ggggggtgtcc cctatcagac 300
 tacaggtgtt tagaggcaca gaaaaagggtg cagttgggtt cttaattgtga aatgatgaga 360
 agcacaactc cagtgtgtct ctttgtgtag aatgtcagca gacacccct gctagatgtg 420
 ctggatcatg ggaaagcatt tccatttgtt aatagattgt tcagaagttt taatttatga 480
 tgggtgtggt ggctcatgcc tgtngtccca gc 512

<210> 876
 <211> 199
 <212> DNA
 <213> Homo sapien

<400> 876
 cctgtgccgg gccccagggc tggcagccac cagctcctct tccaggcatg ggggacaccc 60
 tgacaggatc cggaagtctc catttaccba aaaatgcaag agccatgatc agtcatggcg 120
 aactgcagg cggtactgag tgacctgtc cagtcgggct ccgtccctcc cacacggggg 180
 acaagcttct ccgaggagg 199

<210> 877
 <211> 486

<212> DNA
<213> Homo sapien

<400> 877
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gcattgactc aggtcccagt tgctcttcat atctccgtga atgattggag tgcaaagata 120
ctgttctgag cgcttcccgt tttctgaaag ccatgtctct caggcatgcc tcgcttagtt 180
ggcgatgggg ttggttgact gttttcgctt ttttcttctt ctcttttctt cttcttcttc 240
tttttttttc ttttcctttt ctccccctcc caacgccact gacaagaaag cactaaagat 300
gcaggttgtg cgatcaccct ataacataag gaaaagaaca ggagaggta atttgaacgt 360
gtaggctagt ggtagaggga gatggaggtc tggggaaga gtctgtcagg tagacatctc 420
ttttaacatg tcccagtatt cggttcacca gtatctctgc acctcactac tacccttcac 480
tccttg 486

<210> 878
<211> 363
<212> DNA
<213> Homo sapien

<400> 878
cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
ttactgagat ggagtcttgc tctgtcaccc aggtcggagt gcagtgggtgc aatctcggct 120
cactgcaacc tctgcctcct gggctgcagt gattctcctg cgttcaagta attctcctgc 180
ctcggccttc tgagttagtt ggattacagg catatgccac cacacttggc taatttttgt 240
atttttagta gaaatggggt ttcaccatgt tggcgaggct ggtctcgaac tcctgacctc 300
aaggatcctc ctgcctcggc ctccctaagg gctgggattg cagggtgtgag ccaccacgtc 360
tgg 363

<210> 879
<211> 365
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 879
gcccattgcca gcggtgtggc agcacgcaca acttgtggct gctgtccttc ctgaggagggt 60
ggaatgggag cacagccatc acagacgata ccctgggtgg cactctcacc attacgctgc 120
ggaatctaca accccatgat gcgggtctct accagtgcc gagcctccat ggcagtgagg 180
ctgacaccct caggaaggtc ctggtggagg tgctggcaga cccctggat caccggaatg 240
ctggagatct ctggttcccc ggggagtcct agagcttcga ggatgccat atggagcaca 300
gcatctccag gagcctcttg gaaggagaaa tccccctccc acccacttcc atccttntcc 360
tcctg 365

<210> 880
<211> 431
<212> DNA
<213> Homo sapien

<400> 880
ccatctcccc tcacccaac ctggataaaa tgttacacta cccactaata taaccactga 60

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cacacaaacc aagctccttc cagtttaaca ttgaacatca atctacattt ccagtgaatg 120
 agctaaactt atgagcaggc cattcaactt ttcattgatac atttagtgct cagaaatggt 180
 tgattccatt agcctgccct atagctcagg tggccaaga tggagcctat catcttcctt 240
 ggggtgtttg gtgtttccaa gtaggagcat aaaaaggata ccgtccccta cccaccacc 300
 ccatcccaca taccctcact ggcattccagg agaccagcag caggctcaag accccaaatg 360
 ttgggcacca caaataatgt gatatgtgcc aggagcacgg ggggtagggg tgaaagagaa 420
 aaacaataag g 431

<210> 881
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 881
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 agcctgcctc atttccaaat gagagcacta gaagcacaaa tcatgcagac catttactat 120
 ataacttatg aaaaatgctg tacagggtg tgactataga tatagagtat ttggctctgt 180
 ttgggaattg atatctacaa gggggagggt caggggagga ctgtctgata tcttgacttg 240
 ctgggatggt ggagaagctg ggatggggga ggcccacatc ttgctgcacg gctacacca 300
 ctctccttt cctagataag gctggagcgc actgg 335

<210> 882
 <211> 353
 <212> DNA
 <213> Homo sapien

<400> 882
 atgcactcaa agattggatt ttacagctac ttgcaattca aaattcagaa gaataaaaaa 60
 tgggaacata cagaactcta aaagatagac atcagaaatt gttaagttaa gctttttcaa 120
 aaaatcagca attccccagc gtagtcaagg gtggacactg cacgctctgg catgatggga 180
 tggcgaccgg gcaagctttc ttcctcgaga tgcctctgctg cttgagagct attgctttgt 240
 taagatataa aaaggggttt ctttttgtct ttctgtaagg tggacttcca gcttttgatt 300
 gaaagtccta ggtgtattct atttctgctg tgatttatct gctgaaagct cag 353

<210> 883
 <211> 193
 <212> DNA
 <213> Homo sapien

<400> 883
 ctggcagaga agaattggcta cgtgactgtc agtgagatca aagccagtct taaatgggag 60
 accgagcgag cgcggcaagt gccggaacac ctgctgaagg aagggttggc gtggctggac 120
 ttacaggccc caggggaggc ccactactgg ctgccagctc tcctactga cctctactcc 180
 caggagatta cag 193

<210> 884
 <211> 461
 <212> DNA
 <213> Homo sapien

<400> 884
 ctgaagaacc ccatcagcgg gctgttagaa tatgccagct tcgctagtca aacctgtgag 60
 ttcaacatga tagagcagag tggaccaccc catgaacctc ggtaagagac caccaggaa 120
 ctgtacctag gggtgggggc aggtgctttt gctcctgacg cagtcttggc tgatttgtga 180

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gcagtgctgt ttggtggcgc ctatcttttc ctccttcctt tctgcctttt agctaaattc 240
 cccttgattg gcccttttct cagatattga gcagggaata tagaccttg accagccaga 300
 atcttgctg aacaaggggg aggttgactc tgttggtgt aatgaagctt ctttagaaat 360
 gattggtttt ggccgtacgc ggtggctcat gcctgtaatc ccagcacttt ttgaggccga 420
 ggcaggcata tcacgaggtc aggagtttga gaccagcctg g 461

<210> 885
 <211> 266
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 885
 ctgcaatgct tcancacact tcagcaccga ggctgggcat gaggggtccg tcaccaccac 60
 atcaaatacc cctaaagcaa tatctttgtt atgggcactt gaatggtgct gcttcacaga 120
 ggctgcacca ccagtcatga ggatctcaga ccagagctcc aggaagttct gctgttggtc 180
 tgataccaag agtaccttca gattctggaa aggattttca cggggttgcc agtccagaat 240
 tctttgctcc tcaaggctgt acccag 266

<210> 886
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 886
 cgcgtggttt ccgattgttt gatagtattt actggagaga tcatagaaac gactgtgaac 60
 cgatgtcaca ccaggaaggt tgttgagcat ttcttcaaca tcttcaattg tttcctttgt 120
 aacctgtagg tccccgatgt ttaatttttag agctccaatt gctgttttac acaggatcac 180
 tgcctcatca ttacttttca ccttctcacg agtcttttcc agaaaagtaa gagccacatt 240
 aggatcagtc atctgtctaa ctacatgaag aatgatttcc acgagggaca aagggttcac 300
 cctgtgttca aattcactga taaagttttc ataaagctta atgagaccat ctccttgggc 360
 aaagcacgga tcctgcacaa aatcaagcac ctgaagtgtc ag 402

<210> 887
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 887
 ccaaagcgag agcattggca gtgaattgca gacactcttc cttggtcatt ccttcccggg 60
 aggtagcatc aacatagcca tagatgtagg agctcccggg gcctccaatg gcaaaggact 120
 gccttaccat catacccccc ataggcactg agtacacctg cctccttct tgagggtccc 180
 agcctgcgat gatgattccc gccatcagggt cttcccggta tcggtaacac atctccttaa 240
 agaggctggc tgctgtgtgg accagtggag gctcattcag ttcaatgctg tggaaaccga 300
 gctggtagggt gacagcatca gctactgcct gggatatcag ag 342

<210> 888
 <211> 228
 <212> DNA
 <213> Homo sapien

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<400> 888
 cgcgtcggcc aaggctgctg ctgttgctcc tccaaagaag gttggcttca aggccgtgtc 60
 cagggaccca cgagcagagg cactgggggg caagggatct ccaagggggc aagggatccc 120
 taaagggggg agctcacagg tgaggggggt tagggcccct ctagggagcg cctgaggcca 180
 tacattcaag agtgtccctg gtgaggccca gggaagagcc aggactgg 228

<210> 889
 <211> 378
 <212> DNA
 <213> Homo sapien

<400> 889
 ttggcttttc tccccctctc atcctcctct cccctttcct cactgaaggc tgtgagttgc 60
 tttcaatgtg acaacactat gatgtcattt ggaaggattt gccaggacag actgattctg 120
 agtctgggt gccgtatgtg tatgcggcag tgttgtcagg cgatcttggt tgaagctcta 180
 tgttgccata attaccatca agtacacact gttggcaaaa ggctaacacc tgactttagg 240
 aaatgctgat ttgagaacaa aaggaaaggc cttttttcac tgcttaaagt ggggtcactt 300
 tgataccttt gcggtcatgt ctgtgtctga tgagtgtaga atctctggat gtgcactgtc 360
 agtcatgtgt ccaccagg 378

<210> 890
 <211> 215
 <212> DNA
 <213> Homo sapien

<400> 890
 ccatttttga gtgtgtccat tgggtagcaa tgtggaaacc accagggcct ttgtggagaa 60
 aatggagggg gttgagggag tcccaggagg ggcttatttg agggcctttg ccacttgctc 120
 ataggcgagc tcgatctcct catcatctgg acagggtggaa gcgaattctt cccgggcgta 180
 ggcattgctc aagtaccgat gcactccccg gaagg 215

<210> 891
 <211> 412
 <212> DNA
 <213> Homo sapien

<400> 891
 ctggtcaagt tcaacagagc cttggctgac cattctatgg ctcaggcacc tcggttcatt 60
 gatggcattg ttcttaccac atttgatacc attgatgaca aggtgggagc tgctatttct 120
 atgacgtaca tcacaagcaa acccatcgtc tttgtgggca ccggccagac ctactgtgac 180
 ctacgcagcc tcaatgccaa ggctgtggtg gctgccctca tgaaggctta acgtggctct 240
 tgcccaatac caaatcgccg ctttccccac aagcccttct tctgtatca agaattgtgt 300
 ttagagtatg tgagcaacct gtcttcagt tagtacaaag gcagagttag ggggcttgtg 360
 gctccttcca accccactcc ccgttcagca cagccgccat ctgcaaggaa gg 412

<210> 892
 <211> 472
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(472)

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<223> n = A,T,C or G

<400> 892

tttttttttt	tttttttttt	ttaattacta	ccttttattc	taatgtgaac	catggccctg	60
aaagctgata	acaagcttgg	ctgancagag	ggaactaggg	gtcggcagaa	aggattatgg	120
gtggaaaaca	ttggctcttc	cttggggagt	gatgctggg	aaagggaana	nagtggctca	180
ncctgcaggt	aaataggcta	naaaagccaa	ggccaaaggc	tggaggggag	aggacagtca	240
gcatgtccag	cctggggtct	gggtgtaggg	ttatcccttc	tccctgtgcc	ttcccatctc	300
gtccatgagc	ctaggtcttg	gagccttgtg	ttggaggctg	ctgtgatgtc	aggaacgggg	360
atctgtctag	cttttgGCCA	cttcctggga	cctcacgcc	ctgttgacag	atggagattg	420
ggcagcaggg	ccttgctgcg	ttgttatctg	ctgttccgac	ttggtttgtc	tt	472

<210> 893

<211> 477

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 893

caaagattca	ctttatttat	tcattctcct	ccaacattag	cataattaaa	gccaaggagg	60
aggagggggg	tgaggtgaaa	gatgagctgg	aggaccgcaa	taggggtagg	tccctgtgg	120
aaaaaggggc	agaggccaaa	ggatgggagg	gggtcaggct	ggaactgagg	agcaggtggg	180
ggcaattctc	cctctaacac	tctcccctgt	tgaagctctt	tgtgacgggc	gagctcaggc	240
cctgatgggt	gacttcgcag	gcgtagactt	tgtgtttctc	gtagtctgct	ttgctcagcg	300
tcaggggtgct	gctgaggctg	taggtgctgt	ccttgctgtc	ctgctctgtg	acactctcct	360
gggagttacc	cgattggagg	gcgttatcca	ccttccactg	tactttggcc	tctctgggat	420
agaagttatt	cagcangcac	acaacanang	cagtttccag	atttcaactg	ctcatca	477

<210> 894

<211> 289

<212> DNA

<213> Homo sapien

<400> 894

ctgtcttatg	gctatgatga	gaaatcaacc	ggaggaattt	ccgtgcctgg	cccatgggt	60
ccctctggtc	ctcgtggtct	cctggcccc	cctggtgcac	ctggtcccca	aggcttccaa	120
ggccccctg	gtgagcctgg	cgagcctgga	gcttcaggtc	ccatgggtcc	ccgaggtccc	180
ccaggtcccc	ctggaaagaa	tggagatgat	ggggaagctg	gaaaacctgg	tcgtcctggg	240
gagcgtgggc	ctcctggggc	tcagagtgtc	cgaggattgc	ccggaacag		289

<210> 895

<211> 179

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

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<400> 895
 ctggatgggt ccanacaaag tggatccct ggaaccttta actgagcagt gaaggtcagt 60
 gcctcagagc ctgagagatg aacaggacca gagagagagg tgggcaggca ggcacaaggt 120
 tatgtcttcc tcagactcgg aaccctgctc ttctccacca tccagacgtt cagctacag 179

<210> 896
 <211> 557
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 896
 ccactcactg ctgggaccca ggcacctccc ttctccatcc tctctggatt gtcagtaatg 60
 tcctggaaca gaagcctgtg ggatggcctt gggcacggag aagccctggg gtcagtgtcg 120
 tgcacggatg gcggcagtgt tgaaccagg aggctgaacc cggcccacca cggagatga 180
 gtgcatggca accgcctgcc ttacagtcgc tccacttggg aaccccaagg tctgggctgt 240
 tctaggtatt gcttcacgtg cccagcaag cccttaacaa gagggcctgg tccctgaag 300
 aaccaatccc aggaaggggc cttgatccct ccgccttgct gagagtgaac cctcgtctct 360
 cctcacnctc catttcattt ctgggaattg gggcttagtt tcgaaccttt ggcaaggctg 420
 ttcttactaa tgcccaagcc cctttacccc tctccctata gggtacacag gggagaccag 480
 ggctcggca gaagactgct gccacacttc cgaatcattc tgcttgccaa ataggtcatc 540
 ttcaccagtt gactgac 557

<210> 897
 <211> 495
 <212> DNA
 <213> Homo sapien

<400> 897
 ctggaatctc ctttgcaatc ccatctgata agattaaaaa gttcctcacg gagtcccatg 60
 accgacaggc caaaggaaga gccatcacca agaagaagta tattggtatc cgaatgatgt 120
 cactcacgtc cagcaaagcc aaagagctga aggaccggca ccgggacttc ccagacgtga 180
 tctcaggagc gtatataatt gaagtaattc ctgatacccc agcagaagct ggtggtctca 240
 aggaaaacga cgtcataatc agcatcaatg gacagtccgt ggtctccgcc aatgatgtca 300
 gcgacgtcat taaaagggaa agcaccctga acatggtggg ccgcaggggt aatgaagata 360
 tcatgatcac agtgattccc gaagaaattg acccataggg agaggcatga gctggacttc 420
 atgtttccct caaagactct ccggtggatg acggatgagg actctgggct gctggaatag 480
 gacactcaag acttt 495

<210> 898
 <211> 406
 <212> DNA
 <213> Homo sapien

<400> 898
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 gacacaggga gtctgcatgt ctaagtgcta gacatgctca gctttgtgga tacgcggact 120
 ttgttgctgc ttgcagtaac cttatgccta gcaacatgcc aatctttaca agaggaaacc 180
 gtaagaaagg gccacgcccg agatagagga ccacgtggag aaaggggtcc accaggcccc 240
 ccaggcagag atggtgaaga tgggtcccaca ggccctcctg gtccacctgg tcctcctggc 300

050306 050306 050306 050306

ccccctgggc tcggtgggaa ctttgctgct cagtatgacg gaaaaggagt tggacttggc 360
 cccggaccaa tgggcttaat gggacctaga ggccacctg gtgcag 406

<210> 899
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 899
 cctaagagtc attaaaaaat tctccctttg taacctcagt gctggggact gaggcgagcc 60
 ccctcaggtc gctggagtgc accagtcctt gggaagaggt gcaggagaag ctgtgttttt 120
 tatctccaca cgcagtatga agataaaatt acatagtatt acctagacat agacagtatt 180
 acctaggtag atgcactgct cacctgcacc cttcccagct ctcatTTTTT ttaggtgatt 240
 tgggataggg atagtgtttt ggggtatggg gggagtg 277

<210> 900
 <211> 389
 <212> DNA
 <213> Homo sapien

<400> 900
 ctgttttgaa atatttactg ttattaaaaac ttgcttcaag ggaaattgtg aatatatttc 60
 catatacaag cactagtaac agtaagtggc cctgtcatcc actaactcag gcaaagtaaa 120
 gaatggcatt tttgaaggac attttacctc cccatatgat ttgattggct aggactttct 180
 tctgtaaagt catacctttt cacatcttaa gtttttacct ttgccatttt ccaaactctca 240
 attttgggca agaacgatat agtcacaact atggggctgc tttcaaaagc ggggctccat 300
 ttctactgtc agatcaatgt ggtgctgtaa ccatcttttt atccctacct tcaagaacct 360
 ctttatatga agcctgtctt tatccatca 389

<210> 901
 <211> 453
 <212> DNA
 <213> Homo sapien

<400> 901
 ctggagacac ccacttgggt ggagaagatt ttgacaaccg aatggtcaac cattttattg 60
 ctgagtttaa gcgcaagcat aagaaggaca tcagtgagaa caagagagct gtaagacgcc 120
 tccgtactgc ttgtgaacgt gctaagcgta ccctctcttc cagcaccag gccagtattg 180
 agatcgattc tctctatgaa ggaatcgact tctatactc cattaccctg gcccgatttg 240
 aagaactgaa tgctgacctg ttccgtggca ccctggaccc agtagagaaa gcccttcgag 300
 atgccaaact agacaagtca cagattcatg atattgtcct ggttggtggt tctactcgta 360
 tcccacaagat tcagaagctt ctccaagact tcttcaatgg aaaagaactg aataagagca 420
 tcaaccctga tgaagctgtt gcttatggtg cag 453

<210> 902
 <211> 293
 <212> DNA
 <213> Homo sapien

<400> 902
 cctccggccg ccccccaggc tcccatggcc tcttcctgcg ctaccgtgtg gaggccctaa 60
 cctgcgtgg catcaatagc ttccgccagt acaagtatga cctggtggca gtgggcaagg 120
 ctttggaggg catgttccgc aagctcaacc acctcctgga gcgcctgcac cagtcttct 180
 tctctactt gctccccggc ctctcccgct tcgtctccat tggcctctac atgcccgctg 240

05849626 050301

tcggcttctt gctcctggtc cttggtctca aggctctgga actgtggatg cag 293

<210> 903
<211> 228
<212> DNA
<213> Homo sapien

<400> 903
ctggagactc tgggccagga gaagctgaag ctggaggcgg agcttggcaa catgcagggg 60
ctggtggagg acttcaagaa caagtatgag gatgagatca ataagcgtac agagatggag 120
aacgaatttg tcctcatcaa gaaggatgtg gatgaagctt acatgaacaa ggtagagctg 180
gagtctcgcc tggaagggct gaccgacgag atcaacttcc tcaggcag 228

<210> 904
<211> 388
<212> DNA
<213> Homo sapien

<400> 904
ccaagcgctc agatcgga ggggcaccag tcttgatctg cccagtgcac agccccacaa 60
ccaggtcagc gatgaaggta tcttcagtct ccccgaaacg atgaggcacc atgacgcccc 120
aaccattggc ctgggccagc ttgcacgcct gaagagactc ggtcacggag ccaatctggg 180
tgactttgag caggaggcag ttgcaggact tctcgttcac ggccttggcg atcctctttg 240
ggttggtcac tgtgagatca tccccacta cctggattcc tgactggct gtgaacttct 300
gccaaagctcc ccagtcaccc tgggtcaaagg gatcttcgat agacaccact gggtagtctc 360
tgatgaagga cttgtacagg tcagccag 388

<210> 905
<211> 272
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 905
ccggagccca cggnggtcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
ccagccaagg acagggtgga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 906
<211> 525
<212> DNA
<213> Homo sapien

<400> 906
ctgtgcaccc gagtgtcctt tccccctaa gctggcacat aggagcaaaa gttcactaac 60
cctgcagtgg aaggcaccaa ttgacaacgg ttcaaaaatc accaactacc ttttagagtg 120
ggatgagggg aaagaaatag tggtttcaga cagtgtcttct tcgggagcca gaagcactgc 180
aagttgacaa agctttgtcc ggcaatgggg tacacattca ggctggccgc tcgaaacgac 240

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attggtacca gtggttatag ccaagaggtg gtgtgctaca cattaggaaa tatccctcag      300
atgccttctg caccaaggct gggtcgagct ggcatcacat gggtcacgtt gcagtggagt      360
aagccagaag gctgttcacc cgaggaagtg atcacctaca ccttggaaat tcaggaggat      420
gaaaatgata acctttttcca cccaaaatac actggagagg atttaacctg tactgtgaaa      480
aatctcaaaa gaagcacaca gtataaattc aggctgactg cttct                      525

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<210> 907
<211> 365
<212> DNA
<213> Homo sapien

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<400> 907
gtaaatttta agtcttttcag ttttatagat acgaaaaaca agggtgactc tttaccacag      60
gatgaataaa gaactaagta atatgggaaa tgcagcaatt tctggactag ctgagccgat      120
tccttctctg gagcacactg taagctttca agttctcttg gcaggaatta cagcacctgt      180
cccttgcaat ggccctgctg tgtgatgctc atcgcttccc ttcgtgctgg agcagtcctc      240
cagggtgtcca tctcctatct ttttgttcca atcttctgtg agttccagct agcaggcttt      300
acatctgggg aaaggaaaac caggggtttt agctctgttc tctgctccca tccttcgctc      360
accag                                           365

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<210> 908
<211> 608
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

```

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<400> 908
cggaggtgcc tcagccatgg catggatccc tctcttctc ggcgtccttg cttactgcac      60
aggacgtgcg gcctcctttg aggtgaccca gccaccttca atgtccgtgt ccccaggaca      120
gacagccaag atcacctgca ctggagatag gttgggggat gaatatgttt gctggtatca      180
acagaagcca ggccagtccc ctgtattgat aatatatttg gataacaagc ggccctcggg      240
gatccctgac cgattctctg cctacgcctc tgggaacaca gccactctga tcatcagcgg      300
ggcccaagtt atggatgagg cttattatta ctgtcaggcg tgggacggca gaactgtggt      360
gttcggcgaa gggaccaacc tgaccgtcct aggtcagccc aaggctgcc cctcggtcac      420
tctgttcccg ccctcctctg aggagcttca agccaacaag gccacactgg tgtgtctcat      480
aagtgacttc taccggggag ccgtgacagt ggcttggaag gcagatagca gcccgtcaa      540
ggcgggagtg gagaccacca caccctcaa acaaagcaac aacaagtacg cggnccagcag      600
ctatctga                                           608

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<210> 909
<211> 513
<212> DNA
<213> Homo sapien

```

```

<400> 909
ctggtctcaa actcctcacc tcaactgac cgccacctt ggctcccaa agtgctggga      60
ttataggtgt gagccaccgt gcccaaagtt aagtattttt gatcaagtgt tttgtctttt      120
gtgcaaggca tttgtggctc tgtcatagca gaggaacaac aaacatgcct atcaaatgaa      180
tcaagtccga cctcttctca tattgagcaa ctagagggtct aggaacattt cccctacctg      240
tcattctcat ctggcatacc aggtgtacat actccttctt attctcctct gttaccaaga      300

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T05050" 3255180

tggtggcccc attgggtttg aggtcacgaa ctccacaaac tccaaactct tggacctcag 360
 tgctgaaggt gaggtcatag cctagtgtgg agacatcatt ttccagcaga taaaccagac 420
 cttggtagaa gtggtaatct tcactctcca tatctgtata tctgactgac ttgcccaga 480
 tgtgtttgta aaaggatcga gtaaagtagc act 513

<210> 910
 <211> 272
 <212> DNA
 <213> Homo sapien

<400> 910
 ccggagccca cgggtggcat ggctgccaga gcgctctgta tgctggggct ggtcctggcc 60
 ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
 ccagccaagg acaggggtgga ctgcggctac ccccatgtca cccccaagga gtgcaacaac 180
 cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gccctgcag 240
 gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 911
 <211> 263
 <212> DNA
 <213> Homo sapien

<400> 911
 cctgcaggta caaattgacc aggtctgtga cggctgcctc cacgtcgggtg gaataattct 60
 gacgaatctg ggagctcatg gttggttggc aagaaggagc taaccacaaa aacgggtgctg 120
 gcaggctcca gaagcaggag atggccgaga agatggtccc ggaggttgca agcggagagg 180
 aaatcggagg gcggtcggag gctggaagag agtccccgga tctgttccgt ccaaactg 240
 ttgaagcaag agacagaccc gcg 263

<210> 912
 <211> 470
 <212> DNA
 <213> Homo sapien

<400> 912
 ctgtgagcac cagcccaacc ctacctcttt aaaaagaaaa aacacaagtc cactctgaag 60
 tcagcctctg taacctcccc acaagaaaaa cgttttacat cagtcactaa ccaaacaacc 120
 aacagtgttt caacacagaa agtaaagcat tatccagggc ttggactgtc tttcaagaaa 180
 gccccaaatc ccctggcagg aggaagtcac agcagtgaag ccccatccca ggcccagttg 240
 ttcccacgaa acacaccacg tggagaccca gcatgactgc cgactgattc caagtcccca 300
 ggagggtctt attttttctt ttcaacatcc tgttctgcgg cttccttggc actttttgcc 360
 cgtatgccga agagccgggc gttggcacgg gccatacgga gactagcgaa ggctttgaaa 420
 ttcttctctt cctcagtgat gactcgagct ttctccttct tatagacgtt 470

<210> 913
 <211> 426
 <212> DNA
 <213> Homo sapien

<400> 913
 cctggacacc ataaggctgg tgggctttca gaattgtgtt aggggggcag gagtggcagg 60
 ttctgaatc tcggtcaata tagtaaccag caggacaaga ggtgcaggag gagccacat 120
 cagaggcttc tagggcacag ggacggcagt aggaggccac gccattcata acattggtga 180
 cattgatgga gtagatcttg gcaacgtcat tgggtgactt cctgcttgcc tcatgaaaag 240

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tggtcctctg gaaggcccag gtgaggctcg tggtagtggt ctctcaatg atgtaggtat 300
 aggactgttt gcctttggaa cctttccacg tctccacagg agtggttggtc ctagaattca 360
 caccacccat gaagtagagc tcacagttca cagaacagag ggtctcaaag acaaattgtga 420
 ttctgg 426

<210> 914
 <211> 252
 <212> DNA
 <213> Homo sapien

<400> 914
 ccaagctggg ggtgcgacaca tgtggaagaa ctggaggccc ggtgtcatga gcagaggctg 60
 taccctagat gcccgcccca gtgccagcca acccaagaca ggagaaagag tttggcagtt 120
 tcgcctctga ggaatacatg cctggccctc ctgtgagggtg aggcggtagg ggggaaggcg 180
 caggctccga agtctgaggg cttgccggag ggggagtttc tgagcctttt gcatgggtgc 240
 atgccccctg cc 252

<210> 915
 <211> 234
 <212> DNA
 <213> Homo sapien

<400> 915
 ccactgggac tttggcttcc tgatgccgat tgtggatttc tgctgcaaag acagtgatgt 60
 tgagccaggc tgtttcctct ctatccagag gttttgtagt ttttaataaaa ccatcctctg 120
 gattaatagt gaaaaatctg tcgaggctcag tgtgacgac gatggaatac cttatcgggc 180
 tgttggcagc atcaggggtct ttggcatgca ctctcccaac cacggtgccg gcag 234

<210> 916
 <211> 366
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 916
 ccattcagtc tcanttcaga aaattccaga agaagaaggc tgggtctcag tcctagtggg 60
 agaacccccct cctagtccac ctgaaaacac caaattcaac catcatctgt caagaaatta 120
 aaagaacaac accctagaga gaagtcattc acacacaatc cacacacgca tagcaaacct 180
 ccaatgcatg tacagaaacc tgtgatattt atacccttgt aggaagggtat agacaatgga 240
 attgtgagta gcttaatctc tatgtttctc tccattttca ttctcctgc aactattttc 300
 cttgatgttg taataaaatg aagttacgat gagtgatnaa aaaaaaaaaa aaaaaaaaaa 360
 aaaaaa 366

<210> 917
 <211> 492
 <212> DNA
 <213> Homo sapien

<400> 917
 ggcacagcga gggcagcatc tggaggagct ctgcagcctc cacacctacc acgacctccc 60

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agggctgagc tcaggaaaaa ccagccactg ctttacagga cagggggttg aagctgagcc 120
ccgcctcaca cccaccccca tgcactcaaa gattggattt tacagctact tgcaattcaa 180
aattcagaag aataaaaaaat gggaacatac agaactctaa aagatagaca tcagaaattg 240
ttaagttaag ctttttcaaa aaatcagcaa ttccccagcg tagtcaaggg tggacactgc 300
acgctctggc atgatgggat ggcgaccggg caagctttct tcctcgagat gctctgctgc 360
ttgagagcta ttgctttgtt aagatataaa aaggggtttc tttttgtctt tctgtaaggt 420
ggtcttccag cttttgattg aaagtcctag ggtgattcta tttctgctgt gatttatctg 480
ctgaaagctc ag 492

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<210> 918
<211> 557
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G

```

```

<400> 918
ctgctcctgg gtaggcgtgc gggccatata gtaggggtag gatactagcc gtcgcccgc 60
gttcagattt gctcccagca cgaaggggtt cttctccatc caggcaatga tggcccggac 120
ctccgtggat accgtggcat ctggcgaaaag gttagcgttca gggatgggca agttattgtt 180
ggggaccgg taggggaccc atttctctct ctcagctccc cagagcacag agttgagatc 240
cgggaaatct tcaaagatgt caaagccctc ctcagtcac agtcccagcg cccagttccc 300
aaactctgag cccatctgcg ctgccacctc gtagccatca gggttcagt agggcaccag 360
gtggatgctg gtgtcctgca ccaggctgcg cacacgtggg ttcccatcgc ggtactctcg 420
gcacaggtag tgcatgagca gcagcaacag ctctcggccc agcacctcgt tgccatggat 480
cccagcagt tagcggaact cgggctcccc cagttcatgc tccccanggt tgtctgagat 540
ctccatggca tagatct 557

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<210> 919
<211> 407
<212> DNA
<213> Homo sapien

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<400> 919
ccttatgact acaacggccc acgagaaaaa tatggaatcg ttgattacat gatcgagcag 60
tccgggcctc cctccaagga gattctgacc ctgaagcagg tccaggagtt cctgaaggat 120
ggagacgatg tcatcatcat cggggtcttt aagggggaga gtgaccagc ctaccagcaa 180
taccaggatg ccgctaacaa cctgagagaa gattacaaat ttcaccacac tttcatcaca 240
gaaatagcaa agttcttgaa agtctcccag gggcagttgg ttgtaatgca gcctgagaga 300
ttccagtcta agtatgagcc ccggagccac atgatggacg tccagggctc caccagagac 360
tcggccatca aggacttcgt gctgaagtac gccctgcccc tggttgg 407

```

```

<210> 920
<211> 340
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

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<400> 920
 cctcttgggc agcnnagggc cctgcctctg tttcatgatg catgggtcat ttgtcttggg 60
 tgtcctatcc catatggaga agaaaggggc tctaagttct ggctcttctt tctttggggt 120
 tctctgtacc tgaggaaacc aggccctggg tgactttgca gatctgctca ccctcgggtga 180
 gcaacagtgt cagccatgca agcaggacag aatgggtgact gggtgccctt ggtgagctgt 240
 gtatttccta ggaggtagaa aactgtggga aactgtggct aataaaaaact aagtgtgagc 300
 gtcnaaaaaa aaaaaaanna aaaanaaaaa aagcttgtag 340

<210> 921
 <211> 571
 <212> DNA
 <213> Homo sapien

<400> 921
 ggaaaaataa ttttattcct caaatgatca gcacattcag aagcaggaca gaggagctct 60
 gatgacatct ctgggggact caaagcggcc ctcatcttct ggtattttcc caggtgattc 120
 tcttccaacc tgtgagtcct gctctctttc ctcccatctg aagtttgaga catcctctgc 180
 cacaaggaaa gccaccaata ccagcccaaa gagccaccag agaggaacca aaccacatgc 240
 atcaagttat aggaaggatg caagaaggga aattaggaag gaaagggagg agtttagttg 300
 gcattctggg gcatgctaac atgagggcga tgggtctctc ccaagtcgct ggacatatcc 360
 cttttctttc caggtgctcc aactccaatt gcagtttggg ggaacgtgtg aaacttgttg 420
 aagtcctgcg tgtatgtgcc cagcatgcaa gtactcagat taccgcaccg cttagatctg 480
 gggctgtcca ggctggagcc ctctctctct tgctcctgct ccagctcact ggccttcac 540
 tgcacatagt cctgcaccag tgcagccagc a 571

<210> 922
 <211> 262
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 922
 gccaanaca tncaggtcac agcagattcg ggcacgtgtg gaagaagggt ggatgatgtc 60
 atccacaaac cctgcactg ctgcaggga agggttggca aacttctcga tgtactctgc 120
 ctgancagct tccacattct catgcccttt gaagatgatc tccacagcgc cctttgctcc 180
 catgactgca atctctgngg tgggccangc atanttggtg tcaccacaaa ngtgcttaga 240
 gctcatgaca tcntaggcac ct 262

<210> 923
 <211> 234
 <212> DNA
 <213> Homo sapien

<400> 923
 ccactgggac tttggcttcc tgatgccgat tgtggatttc tgctgcaaag acagtgatgt 60
 tgagccaggc tgtttcctct ctatccagag gttttgtagt ttaataaaaa ccatcctctg 120
 gattaatagt gaaaaatctg tcgaggtcag tgtgacgatc gatggaatac cttatcgggc 180
 tgttggcagc atcaggggtct ttggcatgca ctctcccaac cacgggtgcc gcag 234

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<210> 924
 <211> 152
 <212> DNA
 <213> Homo sapien

<400> 924
 ccaggattga caggccatcc attcacagcc aggagatgct gggccagttc ctccaagagg 60
 tctcgcgtcat ggcagtgatg aaaacctaac aggggtggccc cctgtgccag ctcaggtgac 120
 tggagcccga gggcctgaca ggttcccagc ag 152

<210> 925
 <211> 400
 <212> DNA
 <213> Homo sapien

<400> 925
 caatatcatg ccaaggaccc aaacaacctc ttcatgggtgc gcttggcaca gggcctgaca 60
 catttaggga agggcaccct taccctctgc ccctaccaca gcgaccggca gcttatgacg 120
 cagggtggccg tggctggact gctcactgtg cttgtctctt tcctggatgt tcgaaacatt 180
 attctaggca aatcacacta tgtattgtat gggctgggtgg ctgccatgca gccccgaatg 240
 ctgggttacgt ttgatgagga gctgcggcca ttgccagtgt ctgtccgtgt gggccaggca 300
 gtggatgtgg tgggccaggc tggcaagccg aagactatca cagggttcca gacgcataca 360
 accccagtgt tgttggccca cggggaacgg gcagaattgg 400

<210> 926
 <211> 521
 <212> DNA
 <213> Homo sapien

<400> 926
 ccacgtccct attttagaaa tgagaggagt gactgcacac aggaaaaatg ccacttttag 60
 caattcaaag tggaaaaaact tcttttatat aaaaattatc ccaactccca ccccttggtc 120
 ctcagtgttg catctcccac agaggtaaag ttgtgccatt ttcccacggc tttaaacaaa 180
 gcaaaacaaa accaccaatc ctaataaccc cctccctgc cccgtctcca cgctgtgcgg 240
 agagggctct agccccctcag tcggacttct ccttctcctt catgtgcaag aagacgatgc 300
 tgaagatgaa gagccccagc atcatggaga aggcgctggc gtagtagggg taggccgagg 360
 ggatgaagcg ctcatactgc gtgtgctgga gtggcgcac ggatacctga gtggaagagt 420
 acaggtgtgt gtagcctagc cggttgtaat ccactttaaa ctggaatata ccatacacgt 480
 cgggcaactt gaactgaaca ctgtatttgc cacctttctt c 521

<210> 927
 <211> 520
 <212> DNA
 <213> Homo sapien

<400> 927
 ccaggctagt ctogaactcc tgacctcagg tgatctgcct gcctcggcct cccaaagtgc 60
 tgggattacc ggcgtgagcc accatgcctg gccttacatt ttttaaaatg agggaaacaaa 120
 tgaataaatg accaccatgt taggggctgg ctctgaacag aattgtaaag tgggccaagc 180
 ttgctctcaa ggtcacctta agcccacggt tgctgtgtcc tgccctctca gggtcatttc 240
 ccagcctcca ggcacctgtt cacagaggct gcctctggcc tcgcctccac cctccatcc 300
 taaggtgctc cgctgactta gaacaggaca gtcagggaga gaatgtgtct caggagggtg 360
 gagtcagatg atcacggcct tcctggcatc tgaggggata cagcttcggg tagcaaagtg 420
 tgattttccc tgagccccag gaaagcttgg ccttggtcag aatacattga accctgaggg 480

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ccagagagtc cctggggcaa gctctgagag ggaggacctc

520

<210> 928
<211> 492
<212> DNA
<213> Homo sapien

<400> 928
ctgagctttc agcagataaa tcacagcaga aatagaatca ccctaggact ttcaatcaaaa 60
agctggaagt ccaccttaca gaaagacaaa aagaaacccc tttttatatac ttaacaaagc 120
aatagctctc aagcagcaga gcatctcgag gaagaaagct tgcccgggtcg ccattcccatc 180
atgccagagc gtgcagtgctc cacccttgac tacgctgggg aattgctgat tttttgaaaa 240
agcttaactt aacaatttct gatgtctatc ttttagagtt ctgtatgttc ccatttttta 300
ttcttctgaa ttttgaattg caagtagctg taaaatccaa tctctgagtg catgggggtg 360
ggtgtgaggc ggggctcagc ttcaaccccc tgctctgtaa agcagtggct ggtttttcct 420
gagcccagcc ctgggaggtc gtggtaggtg tggaggctgc agagctcctc cagatgctgc 480
cctcgctgtg cc 492

<210> 929
<211> 209
<212> DNA
<213> Homo sapien

<400> 929
ttttttcacc atctaacaaa ggcactttat tgcattacca ttcacaatta acagtcaaga 60
acaaataata ataacaaata aaataacttt taagaggaca aggcattaga aataaaaaag 120
gacttaata acatttgtaa aagcttgtagc tggatgtggt tgccccatt tgtgtgtgtg 180
gttgtgtgtg tgtggttgtg tgttgggtg 209

<210> 930
<211> 617
<212> DNA
<213> Homo sapien

<400> 930
cgcgtccttt aacaagcccc gttctcaaaa ggctgggggt atttatataa gaacttattc 60
caaagtgact ctaagatcca tgttcccaag atctagtacg ggctattcat ggttctgagg 120
catgtccagc atgcaggcaa acttatctgt tcaaattgag gtaaaacaga caaaaaacac 180
ttaatattaa cagaagctac ataattaaaa ctaaccttct gctgcttatt taagctaattg 240
atgtattctt accaaacaga gaccctcaag tcaatcattt cttttgattt tagttaccac 300
cccccataa agcctcttct ttcaaagcca ttattagtta aaaaaaagtt ttaaaatgaa 360
gaaaaatatt ttttccagaa cttgtatttt gtaattagtg tgatgcaatt tctttttatt 420
tttcaaactt agaaataact catgtatggt actatttggt atttttttca gataccaagg 480
aataaccgaca ggattcataa ataggatttt ctgacactgg caggaaagtc tgctaacggt 540
tacaaaatac caaagactct tctttcaagc ttcaaagatg gctgagaatt aacagttatg 600
attagttttt cagtaca 617

<210> 931
<211> 521
<212> DNA
<213> Homo sapien

<400> 931
ccaacaaaat tggatgaacac atggaagaac atggcatcaa gtttataaga cagttcgtac 60

054950 "05050" 054950

caattaaagt	tgaacaaatt	gaagcagggga	caccaggccg	actcagagta	gtagctcagt	120
ccaccaatag	tgaggaaatc	attgaaggag	aatataatac	ggtgatgctg	gcaataggaa	180
gagatgcttg	cacaagaaaa	attggccttag	aaaccgtagg	ggtgaagata	aatgaaaaga	240
ctggaaaaat	acctgtcaca	gatgaagaac	agaccaatgt	gccttacatc	tatgccattg	300
gcgatatatt	ggaggataag	gtggagctca	ccccagttgc	aatccaggca	ggaagattgc	360
tggctcagag	gctctatgca	ggttccactg	tcaagtgtga	ctatgaaaat	gttccaacca	420
ctgtattttac	tcctttggaa	tatgggtgctt	gtggcctttc	tgaggagaaa	gctgtggaga	480
agtttgggga	agaaaatatt	gaggtttacc	atagttactt	t		521

<210> 932

<211> 197

<212> DNA

<213> Homo sapien

<400> 932

ccttgtgacc	aattacatat	gattaaaatt	acttcccaca	ttcacatcca	cagtactcgt	60
ccaccattta	acatctcaac	caaaacgtta	cacatgtgaa	acaatcacta	acaggcaaaa	120
atactaaacc	tgtatatttg	gtattgcaaa	tacactttatg	catgagcaag	caagggattc	180
acagtgagaa	tctacag					197

<210> 933

<211> 610

<212> DNA

<213> Homo sapien

<400> 933

cctcatttta	acaatatctt	ttttttgctc	ttctgcttcc	aaaccttatt	tgccaatgta	60
atgcctttat	ataaagttct	tatgatgaat	gaaaaacttt	caagtgctgt	tgccctcatta	120
aatgcattat	ttattaatth	aactttctagt	actctcgata	aagagccagt	gaaatgagtt	180
attgagttcc	agggaaaaaa	atgagaacat	aattttgaat	ttattatctc	tctatacaca	240
cacagttcat	aattggatta	catataataa	taatatcaac	aagtctatca	gtatcgaagt	300
tggatactgg	taatttctca	tgtgaggctc	ttgtgtcaca	gtcagcatag	atttctggag	360
catttgtctg	ttgatctttt	gggtggcctca	aacctcatta	agtggtgtgg	gagatgctgt	420
ttctgccatg	tgagaatgtg	atggcagaat	taacacaacc	ccaccagggg	tacaacagag	480
cactttacat	ccaaaggcag	agagggacac	agcaatgcag	aattccagca	cacttaagag	540
gagcaccatg	ccatccagac	ccattaagat	ggacatagtc	ccatgacaat	tatttgagtt	600
gccatagtag						610

<210> 934

<211> 384

<212> DNA

<213> Homo sapien

<400> 934

ctgctaccag	gggagcgaga	gctgactatc	ccagcctcgg	ctaattgtatt	ctaogccatg	60
gatggagctt	cacacgattt	cctcctgcgg	cagcggcgaa	ggtcctctac	tgctacacct	120
ggcgtcacca	gtggcccgtc	tgccctcagga	actcctctga	gtgagggagg	agggggctcc	180
tttcccagga	tcaaggccac	agggaggaag	attgcacggg	cactgttctg	aggaggaagc	240
ccggttggct	tacagaagtc	atgggtgttca	taccagatgt	gggtagccat	cctgaatggg	300
ggcaattata	tcacattgag	acagaaattc	agaaagggag	ccagccaccc	tggggcagtg	360
aagtgccact	ggtttaccag	gcag				384

<210> 935

<211> 125

T0E050"92967850

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 935
nttaaaattc atggaagtaa tannacagta ataaaatatg gatactatga aaactgacac 60
acagaaaaac ataaccataa aatattgttc caggatacag atattaatta agagtgactt 120
cgtaa 125

<210> 936
<211> 546
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 936
gcccattgcca gcgtgtggtc agcacgcaca acttgtggct gctgtccttc ctgaggaggt 60
ggaatgggag cacagccatc acagacgata ccctgggtgg cactctcacc attacgctgc 120
ggaatctaca accccatgat gcgggtctct accagtgcc gagcctccat ggcagtgagg 180
ctgacaccct caggaaggtc ctggtggagg tgctggcagg ttctcccgcc aaggttctcc 240
ccctgectcg aggaggaagg ggctggaggc tcatggctct gcctcccata gaccccctgg 300
atcaccggga tgctggagat ctctggttcc ccggggagtc tgagagcttc gaggatgcc 360
atgtggagca cagcatctcc aggagcctct tggaaggaga aatccccttc ccaccactt 420
ccatccttct cctcctggcc tgcatcttct tcatcaagat tctagcagcc agcgccctct 480
gggctgcagc ctggcatgga cagaagccag ggacacatnc acccagtga ctggactgtg 540
gacctc 546

<210> 937
<211> 550
<212> DNA
<213> Homo sapien

<400> 937
caccaatcaa aattcctggt ggtcctgaga ctttgggcag aatcatgaat gtcattggag 60
aacctattga tgaaagaggt cccatcaaaa ccaaacaatt tgctcccatt catgctgagg 120
ctccagagtt catggaaatg agtggtgagc aggaaattct ggtgactggt atcaaggttg 180
tcgatctgct agctccctat gccaaagggt gcaaaattgg gctttttggt ggtgctggag 240
ttggcaagac tgtactgata atggagttaa tcaacaatgt cgccaaagcc catggtggtt 300
actctgtggt tgctgggtgt ggtgagagga cccgtgaagg caatgatatta taccatgaaa 360
tgattgaatc tgggtgttatc aacttaaaag atgccacctc taaggtagcg ctggtatatg 420
gtcaaatgaa tgaaccacct ggtgctcgtg ccgggtagc tctgactggg ctgactgtgg 480
ctgaatactt cagagaccaa gaaggtcaag atgtactgct atttattgat aacatctttc 540
gcttcaccca 550

<210> 938
<211> 192

094965-0505

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 938
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ctntgcctcc attcacagga aaaaggagct gggagcccca tcctaagggt ccagcatca 120
gccactgga gggcctggaa cagtccanca ctntgtggga aaggagtggg gaggggaatg 180
ttttaaaaaa aa 192

<210> 939
<211> 337
<212> DNA
<213> Homo sapien

<400> 939
ccaaaatatt ggaacacaca gaaccaaacc aggtgtgttc tacacctgca tgagtgaagg 60
atttcacagt agacacctag gaagagcccg catgccctag actcactcca gaggaaggat 120
tgatttgcaa ccagaaaggg agctgaaaac cacggagctc catggctctt cattcaaaag 180
ggaaaataat gattccacgt tgcttttttag agttcaaata aacatctttc tggataaatc 240
tattttttta caatcttttt attatttgta aaagatataa aaacaactcc catcagtagc 300
aatacaagggt tatacatttt aaccagattt tctcagg 337

<210> 940
<211> 362
<212> DNA
<213> Homo sapien

<400> 940
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gccaactttt aaatggatgg gggttttttat gggttgaacc tctgttaata cttttgtaca 120
ctctcactac agtttatatt tttataggct attttctcaa ggtgtttcta gattccacat 180
atctatttta tataacaagt tattatgtta tgtgtgtgac tcccttgtgt gtatctgtgc 240
cagcctcagc ctccgagttg cttttccctc tggccctgac tctcactgac tcaccgatgt 300
ggtgtgcagg ccactttctt accccagata gcctcgggag ctgcctgtag tcatgccgac 360
ag 362

<210> 941
<211> 216
<212> DNA
<213> Homo sapien

<400> 941
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acccatgggc gctatgtgcc ccctagcagt accgatcgta gccctatga gaaggtttct 120
gcaggtaatg gtggcagcag cctctcttac acaaaccag cagtggcagc cacttctgac 180
aacttgtagg ggcattgtgc ccgctgagct gattgg 216

<210> 942
<211> 324

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<212> DNA
<213> Homo sapien

<400> 942
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gtcaaatgct catcctatat gtctgtggcc ttgcctctac agtcctcttt ggcctagtgg 120
cctcctccct tgtggattgg ctgggtcgca agaattcttg tgcctcttcc tccctgactt 180
actcactatg ctacttaacc aaactctctc aagactactt tgtgctgcta gtggggcgag 240
cacttggtgg gctgtccaca gccctgctct tctcagcctt cgaggccagg gagcctcaaa 300
tcttcagtct ctcagagacc acag 324

<210> 943
<211> 597
<212> DNA
<213> Homo sapien

<400> 943
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accaccaagg tttttatctt ctaaacagta taatagagca catgcctcct gaatcagttg 120
accaatatag gaaacaaatc ttcattctgc tattccagag acttcagaat tccaaaacaa 180
ccaagtttat caagagtttt ttagtcttta ttaatttgta ttgcataaaa tatggggcac 240
tagcactaca agaaatattt gatggtatac aacccaaaaat gtttggaatg gttttggaaa 300
aaattattat tcctgaaatt cagaaggtat ctggaaatgt agagaaaaag atctgtgcgg 360
ttggcataac caaattacta acagaatgtc ccccaatgat ggacactgag tataccaaac 420
tgtggactcc attattacag tctttgattg gtctttttga gttacccgaa gatgatacca 480
ttcctgatga ggaacatttt attgacatag aagatacacc aggatatcag actgccttct 540
cacagttggc atttgctggg aaaaaaagag catgatcctg taggtcaaat ggtgaat 597

<210> 944
<211> 359
<212> DNA
<213> Homo sapien

<400> 944
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aagcagaaaa caggtagtgt tatggatacc aaggctgatg aattaacaac tgagatcaaa 120
gaactgaaag aaactcttga agaaaaaacc aaggaggcag atgaatactt ggataagtac 180
tgttccttgc ttataagcca tgaaaagtta gagaaagcta aagagatgtt agagacacaa 240
gtggcccatc tgtgttcaca gcaatctaaa caagattccc gagggctctc tttgctaggt 300
ccagttgttc caggaccatc tccaatccct tctgttactg aaaagaggtt atcatctgg 359

<210> 945
<211> 367
<212> DNA
<213> Homo sapien

<400> 945
caggatctga agtttggggt cgagcaggat gttgatatgg tgtttgctgc attcatccgc 60
aaggcatctg atgtccatga agtttaggaag gtcctgggag agaagggaaa gaacatcaag 120
attatcagca aaatcgggaa tcatgagggg gttcggaggt ttgatgaaat cctggaggcc 180
agtgatggga tcatggtggc tcgtggtgat ctaggcattg agattcctgc agagaaggtc 240
ttccttgctc agaagatgat gattggacgg tgcaaccgag ctgggaagcc tgtcatctgt 300
gctactcaga tgctggagag catgatcaag aagccccgcc ccactcgggc tgaaggcagt 360
gatgtgg 367

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<210> 946
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 946
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 ataacttatg aaaaatgctg tacagggctg tgactataga tatagagtat ttggctctgt 180
 ttgggaattg atatctacaa gggggagggg caggggagga ctgtccgata tcctgacttg 240
 ctgggatggg ggagaagctg ggatggggga ggccccaatc ttgctgcacg gctacacca 300
 ctctccttt cctagacaag gctggagcgc actgg 335

<210> 947
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 947
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 ccagagttac tttgacctc tgggggagct gatgaagttc aacgttgatg cattcaagag 120
 attcaataaa tatatcaaca ccgatgcaaa gttccaggta ttctgaagc agatcaacag 180
 ctccctggtg gactccaaca tgctggtgct ctgtgtcact ctgtccctgg accgatttga 240
 aaaccagggt gatatgaaag ttgccgaggt actgtctgaa tgccgcctgc tcgcctacat 300
 atcccagggt cccacgcaga tgtccttctt cttccgcctc atcaacatca tccacgtgca 360
 gacgtgacc caggagaacg tcag 384

<210> 948
 <211> 173
 <212> DNA
 <213> Homo sapien

<400> 948
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 tgagggacca ccccatgccc tcattaatca accagaagct tggcctggag cagcagcggg 120
 gattccagta gctgtgggca tacaggatgc tagggcggcc acaaccacag cag 173

<210> 949
 <211> 211
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 949
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 ccttcctgtg ccacggcatc atgggctgcc tgtatggcct cattcttttc aaagcatttt 120
 gctctgtctt caggggacat tttctctgtt tcagaaagaa actgtttcag aactgatcca 180
 tcctcaaatc ccagtttgtc ttgattattg g 211

092967850

<210> 950
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 950
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 attcatgggtc ctgttggact ctgtgcttcc tgagagtgcc catcggctga agtcaagcat 120
 cgggctgac aatgaaaagg ctgcagataa gctgggatct acccagatcg tgaagatcct 180
 aactcaggac actcccaggt tttttataga ccaaggccat gccaaagggtg cccaactgat 240
 cgtgctggaa gtgtttccct ccagtgaagc cctccgccct ttgttcaccc tgggcatcga 300
 agccagctcg gaagctcagt ttacaccaa aggtgaccaa cttataactca acttgaataa 360
 catcagctct gatcggatcc ag 382

<210> 951
 <211> 473
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 951
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 tgggctcaag ccagacacgc agccacagat gattcaggcc aagctcttaa aggcagatct 180
 tcacggggct attatttcag tgacaaaatc caaatgcccc tcttatgtgg gtattacagg 240
 aatccttcta caggaaacaa agcacatttt caaaattatc accaaagaag accgcctgaa 300
 agttatcccc aagctaaact gcgtgttcac tgtggaaacc gatggcttta tttcctacat 360
 ttacgggagc aaattccagc ttcgggtcaag tgaacgggtc gcgaagaagt tcaaagcgaa 420
 nggaacgatt gacctgtgaa ttctttgccg tctaangcag ttgtttatga cag 473

<210> 952
 <211> 312
 <212> DNA
 <213> Homo sapien

<400> 952
 ctgatgggtc tcatagtctt ctgggatggt gtcattgcag cggtaacgca gggttgccca 60
 gatgatgttc tcttgggaga agcagaagac ccccaagcgg ccaccccgca tggttgtgtc 120
 caagaccacg ttgtgtcggt ccaccagctc agggccctca tagaatcgca ccctgatgta 180
 gccacttggt ggccggtgct gcaggaacca acgataggac ttcttgtcct tccaaccac 240
 gtttcgcggg tcttccaca gcagccgcac ctgagactct gtgtctctctg tatgccacag 300
 agcgttccgc ag 312

<210> 953
 <211> 397
 <212> DNA
 <213> Homo sapien

<400> 953
 cgcgtccact gccgaccctc ttggtttctg aaaccaacct ttcttctctgc tctcctcttt 60

0503050 " 92964850

aagagcaaac cccaacatgt ataaggtcac agcaagtggg agccaggaaa agctgtggga 120
cccctcattt gagtcacatc catatggcat ggagaaagaa aacctctctg ccagaaggaa 180
ctgaactctg gaagtcctaa ggaaggtcac catgatcagc agataggaaa gcattgccaa 240
gggctgtccc tcaagagctt agttttctta gggagaccag aaagacatca gatcctgact 300
gccctgtttt gctcaagttc tgaaatgagt ggcattgatga agagctgggt gagctgaggg 360
aaagagtcaa ccatgtgggg tggggtagtg aggaagg 397

<210> 954
<211> 304
<212> DNA
<213> Homo sapien

<400> 954
cctttgtacc gggccagcaa ctggaagggc acagtgtgga attccagggc ctgcagagtc 60
ttcttctgga acagggcctc gtggctccag tacagggaca ggttgaactg cagctcaaag 120
agctcctcag ggagcatcat ggggaagcgg atcttctcca ccaagccctc cacctcctca 180
tgggaggcac gctcccccca gctccagggtg tccacggcct tcagtagggc cagctcgctg 240
ggcaccgcca ggtcgctcct gggcagcagc agttggagca ggtctgtggg gacactgggc 300
cagg 304

<210> 955
<211> 156
<212> DNA
<213> Homo sapien

<400> 955
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aagaaatcgc agggaaatgt tgataataag gaatatgcgg tcaatgaagt tgtggcagga 120
ataaaagaat atttcaatgt gatgttgggc actcag 156

<210> 956
<211> 543
<212> DNA
<213> Homo sapien

<400> 956
ctttcatctg accatccata tccaatgttc tcattttaaac attaccagc atcattgttt 60
ataaccagaa actctgggtc ttctgtctgg tggcacttag agtcttttgt gccataatgc 120
agcagtatgg agggaggatt ttatggagaa atggggatag tcttcatgac cacaaataaa 180
taaaggaaaa ctaagctgca ttgtgggttc tgaaaagggtt attatacttc ttaacaattc 240
tttttttcag ggacttttct agctgtatga ctgttacttg accttctttg aaaagcattc 300
ccaaaatgct ctattttaga tagattaaca ttaaccaaca taattttttt tagatcgagt 360
cagcataaat ttctaagtca gcctctagtc gtgggttcac tctttcacct gcattttatt 420
tgggtgtttg ctgaagaaag gaaagaggaa agcaaatacg aattgtacta tttgtaccaa 480
atctttggga ttcattggca aataatttca gtgtggtgta ttattaaata gaaaaaaaaa 540
att 543

<210> 957
<211> 528
<212> DNA
<213> Homo sapien

<400> 957
ctgtgatcaa gatgtattaa aagaatatga aagagcatct gggttattct agaagttctg 60

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tgatcaaaac	atattaaaaa	aaattaaagc	gcatctgggt	tattctagaa	gttctctgggc	120
tttatacttg	gatattttaca	gaggaagttg	aacttcaagt	tctgccactc	ttcaaaatgg	180
gtgacaggag	aggacgtgat	aggacagtta	aaaaaaaatt	gatagtcatt	ctctgatgga	240
gtgaagcaag	ctttgtcaac	catcaacaaa	tatgacttca	ttggtcacaa	gccctgcaga	300
gatccaacaa	gatttgagtt	ttaaatacag	aacatatttc	aaacagaacc	agcagagtgc	360
tgatgtatga	atggaattga	ttgctgaagg	cagagagtat	aaagaatctc	aagaaacttt	420
tagtgccatt	ttcatttaat	aagccattgg	tatagcaacc	taaaaacctt	ggctgtgatg	480
acaccaggat	gtgtttatgg	aattgctgca	ggagaacaca	attggcag		528

<210> 958
 <211> 451
 <212> DNA
 <213> Homo sapien

<400> 958						
ctgtctgacc	atggggacct	tctgtctgaa	gaggagctgg	atgaatgaga	ctctgggaat	60
catctacaca	ggaccaaacc	caacaggcgc	cctggcaccg	gggaggcggg	tagttgtact	120
ctgcttgtag	agtccttgag	cccagtttac	agatctggag	agcaggaggc	caggacaagg	180
acaaaggctg	gaggatggag	taggacccag	gggctctgcc	atcctaggca	tcattcaagg	240
tcttttatga	agactttaca	gatgtcctct	gtaagtagca	tcgagagtgg	agttcagctc	300
ctttctctac	ttttttttgg	tctgatggca	catattttatt	gttctgtggg	ctaatacacag	360
tgtttctaaa	tgtaaaaaagt	gcatatgttg	gtgtagctag	tcccgcgaca	ttgagctcct	420
ctgcatgaag	acactgggct	cctgcatcca	g			451

<210> 959
 <211> 158
 <212> DNA
 <213> Homo sapien

<400> 959						
ccagaccaag	gctgctggac	ctatgggaat	attcgggtgt	ctgtagagga	tgtgactgtc	60
ctgggtggact	acacagtagc	gaagttctgc	atccagcagg	tgggcgacat	gaccaacaga	120
aagccacagc	gcctcatcac	tcagttccac	tttaccag			158

<210> 960
 <211> 235
 <212> DNA
 <213> Homo sapien

<400> 960						
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gccaggccct	aatatgcacc	cactagttta	gctcagactc	ctctctacat	atgaatggca	120
aaggcacttt	tgatatacac	tgtaaaatac	actgtatttt	agaatcggaa	tctattttct	180
aatgttcccc	tcaagggctg	agtggcagga	aggttgagga	tgcaggactt	tgcag	235

<210> 961
 <211> 375
 <212> DNA
 <213> Homo sapien

<400> 961						
cctggaaaga	aaagggatat	gtccagcgac	ttggagagag	accatcgccc	tcattgttagc	60
atgccccaga	atgccaacta	aactcctccc	tttcttccct	aatttccctt	cttgcatacct	120
tctataact	tgatgcatgt	ggtttggttc	ctctctgggtg	gctctttggg	ctgggtattgg	180

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tggctttcct	tgtggcagag	gatgtctcaa	acttcagatg	ggaggaaaga	gagcaggact	240
cacaggttgg	aagagaatca	cctgggaaaa	taccagaaaa	tgagggccgc	tttgagtccc	300
ccagagatgt	catcagagct	cctctgtcct	gcttctgaat	gtgctgatca	tttgaggaat	360
aaaattattt	ttccc					375

<210> 962
 <211> 409
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 962						
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aagctggggc	ctnngctcct	ntcatcaaaa	tacagatcac	tgngaccctg	tcctcctcca	120
tggtgctggg	ctcctcggcc	ccactgcccc	tgcttctgct	ttcttcctcc	acctcctcct	180
ccccagctc	catgtccagc	tcgttgccctg	cctctgaggg	tgtgtaggtg	gagccactga	240
tggaacggca	gctaaagaag	acgattcgct	tgagccgctt	gttgtagaag	aagtagttga	300
aggaccagag	gctaccatcc	tccccgaagg	gatctgagtc	caagtctggg	ttatagctgt	360
agatgtcaca	ttcagccagg	cagatctcct	cgtccaccgc	gttccacag		409

<210> 963
 <211> 163
 <212> DNA
 <213> Homo sapien

<400> 963						
gccatggcgt	cctatttcga	tgaacacgac	tgcgagccgt	cggaccctga	gcaggagacg	60
cgaaccaaca	tgctgctgga	gctcgcaagg	tcacttttca	ataggatgga	ctttgaagac	120
ttgggggttg	tagtagattg	ggaccaccac	ctgcctccac	cag		163

<210> 964
 <211> 344
 <212> DNA
 <213> Homo sapien

<400> 964						
ccactggctg	agttattggc	ctggcaggta	tagagtccgc	tgtttcttctc	agtgatgttg	60
gagataaaga	gctcttgtgt	gtgttgctgg	atgttcccat	caatcagcca	agaatactgt	120
gcaggtgggt	tagaggctgc	atggcaggag	aggctgaggt	tcaccctcctg	acggtaatag	180
gtgtatgagg	gggaaatggt	ggggtcgtct	gggccataga	ggacattcag	gatgactggg	240
tcgctgtggg	caacacttaa	ttcgttctgg	attccacact	cataggggtcc	tacatcattc	300
cttgtgacac	tgagtagagt	gagggtcctg	ttgtcattgg	acag		344

<210> 965
 <211> 461
 <212> DNA
 <213> Homo sapien

<400> 965						
ctgagctttc	agcagataaa	tcacagcaga	aatagaatca	ccctaggact	ttcaatcaaa	60

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agctggaagt	ccaccttaca	gaaagacaaa	aagaaacccc	tttttatatc	ttaacaaagc	120
aatagctctc	aagcagcaga	gcctctcgag	gaagggaagct	tgcccgggtcg	ccatcccatc	180
atgccagagc	gtgcagtgtc	cacccttgac	tacgctgggg	aattgctgat	tttttgaaaa	240
agcttaactt	aacaatttct	gatgtctatc	tttttagagtt	ctgtatgttc	ccatttttta	300
ttctttctgaa	ttttgaattg	caagtagctg	taaaatccaa	tctttgagtg	catgggggtg	360
ggtgtgaggc	ggggctcagc	ttcaaccccc	tgtcctgtaa	agcagtggct	ggtttttcct	420
gagcccagcc	ctgggaggtc	gtggtaggtg	tggaggctgc	a		461

<210> 966

<211> 246

<212> DNA

<213> Homo sapien

<400> 966

cctttcacag	acactaccat	tgagtgggtt	gatgcagggt	gcagccttca	gtccccgagt	60
actgggttct	gataaaattc	cacagaatcc	agcatcactg	ggctcagacg	gcctccactg	120
tagtaaaacta	tttgtaaatg	gggacatatc	ttcccagcac	cagtaggaca	cattgatctt	180
ccgaaggccg	acccatgggg	ttaagggtgag	cttggacatg	ctctgagatg	actgcattat	240
tcgcag						246

<210> 967

<211> 244

<212> DNA

<213> Homo sapien

<400> 967

ctggagcatt	ggcagggaca	gtcagaaaagg	agacaagtga	aaacgggtcag	atggacacag	60
gcggaggaga	aaagacagag	ggagagagac	catcggggaac	aatcagaggg	gccgagacga	120
tcagaaaagg	gtcagcccga	gacaggctga	gccagagttt	ctagaagcag	tttccaattc	180
aacggctcgc	tttgagggcc	aacgtgtcct	aggccgaggc	tgcagaagcg	ctcacacact	240
cacg						244

<210> 968

<211> 436

<212> DNA

<213> Homo sapien

<400> 968

ccaaagtctt	taccctattt	aaccccttgt	atattttctga	ctgctcactg	ttcatattat	60
aggggaccag	atgtgtaata	tagaattctc	cataacatga	atgaaattaa	tgctgtccaa	120
gccagcatgg	tggtttcata	ttaagtagta	acagaagtct	gaacaattgg	ataaatttga	180
cttccaagac	agctaaactt	ttcaactgca	attttaaaaa	ctacactaca	ctgttatagt	240
taatctgaca	aaaatgtcct	caaagagtac	tttattttat	ttaaagcatc	tgtttaattc	300
aacctttaat	aattttgcaa	agaagggtag	gtgtgtatgt	taatatagcc	tgacctgaat	360
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<210> 969

<211> 383

<212> DNA

<213> Homo sapien

<400> 969

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caggtgtcag	gatcagaatc	atgggtagaa	ggtgccattc	agctcacagc	cgcacccaga	120
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ctttctcagc	cactgttcat	caccaggggt	tttaggagga	aggcttggct	cctgtcttcc	240
cagacccacc	atgcctggag	aggtcaggat	ggaactacct	cattcggcga	attagcccca	300
aattgaacgc	tgaatcgtgt	cccatgagat	caggcgccat	ctgtaaagtc	tcctctggaa	360
atgccaatcc	atccttcccc	cag				383

<210> 970
 <211> 543
 <212> DNA
 <213> Homo sapien

<400> 970	
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tacttggtgt	tgctttgttt
ctatctgcct	tccaggccac
agtgtggcct	tgttggtttg
gcagccttgg	gctgacctag
ctgtttgtat	atgagctgca
gtcagggagg	ccgtgttgcc
cgatcagtga	catcataaat
gagacatagt	tataaaaacc
tgt	

<210> 971
 <211> 416
 <212> DNA
 <213> Homo sapien

<400> 971	
ccagactgac	ttcaaaaaat
gtttattgtg	gttaggaagc
cctgaccaac	atggtgaaac
ggtgtacgcc	tgtaatccca
ggaggcggag	gttgacgtga
agactccatc	tcaaaaaaaa
tctaattcag	atcatcaaac

<210> 972
 <211> 242
 <212> DNA
 <213> Homo sapien

<400> 972	
ccaaaaatcc	caaaacatca
ttcatttgct	actgaatttg
ccctacctac	tctagaaata
ggaaaaaaat	gcaattttgca
ag	

<210> 973
 <211> 347
 <212> DNA
 <213> Homo sapien

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<400> 973

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gagctgtctt	cccagccac	catcccatc	gtgggcatca	ttgctggcct	ggttctcctt	180
ggagctgtga	tactggagc	tgtggctcgt	gccgtgatgt	ggaggaggaa	gagctcagga	240
cattttcttc	ccacagatag	aaaaggagg	agttacactc	aggctgcaag	cagtgcacgt	300
gcccagggt	ctgatgtgtc	tctcacagct	tgtaaagtgt	gagacag		347

<210> 974

<211> 571

<212> DNA

<213> Homo sapien

<400> 974

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aagtaaagg	attgcttata	ttgaatttaa	gacagaagct	gatgcagaga	aaaccttga	180
agaaaagcag	ggaacagaga	tcgatgggcg	atctatttcc	ctgtactata	ctggagagaa	240
aggtcaaaat	caagactata	gaggtggaaa	gaatagcact	tggagtgggtg	aatcaaaaac	300
tctggtttta	agcaacctct	cctacagtgc	aacagaagaa	actcttcagg	aagtatttga	360
gaaagcaact	tttatcaaag	taccccagaa	ccaaaatggc	aaatctaaag	ggtatgcatt	420
tatagagttt	gcttcattcg	aagacgctaa	agaagcttta	aattcctgta	ataaaaggga	480
aattgagggc	agagcaatca	ggctggagtt	gcaaggaccc	aggggatcac	ctaatagccag	540
aagccagcca	tccaaaactc	tgtttgtcaa	a			571

<210> 975

<211> 221

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 975

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gggtagccgc	agtccaccct	gtccttggct	ggcacggcac	actggtttgc	agacaggccc	180
acgtactcct	cagcagagct	ggaggacagc	aaggccagga	c		221

<210> 976

<211> 316

<212> DNA

<213> Homo sapien

<400> 976

ccatcagatt	gtcacagact	tttataaccc	tttgatccct	accaacgtta	agtatgagtt	60
tggccctgcc	atcttcattg	gctgggcagg	gtctgcccta	gtcatcctgg	gaggtgcact	120
gctctcctgt	tcctgtcctg	ggaatgagag	caaggctggg	taccgtgcac	cccgtcttta	180
ccctaagtc	aactcttcca	aggagtatgt	gtgacctggg	atctccttgc	cccagcctga	240
caggctatgg	gagtgtctag	atgcctgaaa	gggcctgggg	ctgagctcag	cctgtgggca	300
gggtgccgga	caaagg					316

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<210> 977
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 977
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 agggagcaaa tattcgggtt gtgttgctaa gactcgcagg aactactgct agtgatacta 120
 ggcttgctgc aggaggatgt cacgctgaga aaggagatg actaggagca gaaaaagtac 180
 tctcaactgtt ccagcttcca gcccaatcct agcagaatga atgcatttta aaatcagtcc 240
 acattcacat gtgctgagaa ggttgttagt ggtccctcat ctgggcaaag cagaccaag 300
 atggtgctaa gtgcagagtg cagagcattc ttgtg 335

<210> 978
 <211> 280
 <212> DNA
 <213> Homo sapien

<400> 978
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 tcataataag cccttgggat ttgctgagct cccacatggc tttcttcaac cacctggccc 120
 actttcttca accacattcc actttggaat gcgtgtcttt aaggcaccac gtgatcttaa 180
 gaatgggctc tgtttttgaa ttcagcaatc caagttccta tctatctcgg tgggacctcc 240
 aaaaaaaga aaaaggattg gcttggcttc taatgtaagg 280

<210> 979
 <211> 318
 <212> DNA
 <213> Homo sapien

<400> 979
 ctgtccagat gacagtaaga ttccactgtc tgtaatcctc atggtgccag gtctcctggg 60
 gcatctaggg caatgatgct actgcagttt atgcagttac acagtcaagt ctgtgcaaaa 120
 ggaggtccca tccggcggcc aggtttctgt tcagtctggg gagcaatgcc aactggctgc 180
 ccccatagcc tggcatgagc tgatggccca gtgcaatccc aaagcaaaga agggcagaac 240
 tgggccaaga agctgtggta atttgcctc cctgcctccg acagcgtcgt cctctccttt 300
 tgcagcccca cacgcagg 318

<210> 980
 <211> 568
 <212> DNA
 <213> Homo sapien

<400> 980
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 aatctgtgaa gtggatctag tgatcagttt gaattattcca tttgaaacac ttaaagatcg 120
 tctcagccgc cggttgattc accctcctag cggaagggtg tataacctgg acttcaatcc 180
 acctcatgta catggtattg atgacgtcac tgggtgaaccg ttagtccagc aggaggatga 240
 taaacccgaa gcagttgctg ccaggctaag acagtacaaa gacgtggcaa agccagtcac 300
 tgaattatac aagagccgag gagtgtctca ccaattttcc ggaacggaga cgaacaaaat 360
 ctggccctac gtttacacac ttttctcaaa caagatcaca cctattcagt ccaaagaagc 420
 atattgacct tgcaccaatg gagaccagg aagatgtggc cattcattca atagtgtgtg 480
 tagtattggg gctgtgtcca aattagaagc taactgaggt agcttgacgc atctcttcta 540

gttgaaatgg tgaactgata ggaaaaaca

568

<210> 981
<211> 550
<212> DNA
<213> Homo sapien

<400> 981
ccatccccct ttagaacgta tcttaatgtg aacataaatt gttcttcatg atgcttaaaa 60
gcttacatat aatttttcatt cttagaaaaa cgccacattt tggatcctgg atttttctga 120
atatcatgat tgaaaaaaac aaaacaaaaa atgaacccaa atcaaagtgt ggtaaactt 180
atatgagaaa gattttttcaa ccagatggtc attcaaaaaa gttggagctg taagtgccgg 240
cgactgagga cacaggggta attcctcgct gctggtgga ggctagagaa catcttcaaa 300
agagggtagc aagacgtgct cctaggggag gctcagtggt gtctcgtctg cccaagcatt 360
ttcagtccttg cttgggtcaat gacatcgagt aagtttttg catccacagc cagggcgtga 420
gcagcagtc gcatttgctt tttgtactct tgctggaggc tggcatgac ataactgctg 480
gccagtttca tcttggtgat gagctcacc aggtcagagt tcaatagctt ctgtgccatc 540
tcaatctctc 550

<210> 982
<211> 524
<212> DNA
<213> Homo sapien

<400> 982
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ctgggcactg ccagagtga tggcattggt cgggatgctg ttctgtctct gcttggacac 120
cttcgcaaag atttctttca ggacagtctc aaaggctagc tcaacattgg tagagtccag 180
ggctgaggtc tccaggaaga gcagtccatt gttttcagcg aacattcggg cctcctcagt 240
gggcacttcc cgggcctggc tgaggtcact tttgttacct acgagcatga cgacgatcgt 300
ggcttcagca tggcataga gctccttcag ccacgtctcc accacagcat aggtctggtg 360
cttggttagg tcaaaccaca ggaggcccc cactgcacca cgatagtacc cttgaagaca 420
aagttataat cttcctcagt tccattcccc atcttggtc cgcatggagg gtgcaggtgt 480
cttcggggac agaggcgaca aatctgtgtg ttggctcaat gccc 524

<210> 983
<211> 140
<212> DNA
<213> Homo sapien

<400> 983
ccttcgtgcc ctaacagcca gtccoctggt aaagtggaag agacctgtgg ctgccgctgg 60
acctgccct gtgtgtgcac aggcagctcc actcggcaca tcgtgacctt tgatgggcag 120
aatttcaagc tgactggcag 140

<210> 984
<211> 358
<212> DNA
<213> Homo sapien

<400> 984
tgagcgggcc gccgggcagg tccaacgagt cacaacagtg caataggtag aggattaaaa 60
actgcatcaa acaggtgctg aaaataaata ctacctagga gaaggaggtg agagccctcg 120
tgtgggggtt gttttcgacc ccttgagtgt gtgtgggggt tgtcttccga gccacgagcc 180

tgccctgtct	cgcggtgctg	ttcactctga	cagagtgcgc	ctgcagcacg	ttgcctccag	240
ggccagcct	cccagaagcc	tcagagcatc	agagcatccg	tcccatcgga	tggaaccagaa	300
acaagaaaaat	ggggtggggg	gaatcacagc	tatcattcaa	aggaaaggaa	tttttttc	358

<210> 985
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 985						
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acaagacaac	ctgaagctaa	atggatgccc	cctgcagagt	caacagggtcc	agcctcacag	120
tgcacgccct	gagctacagc	ctctcccaaa	aggcatcttc	cccacagcct	caacgccgag	180
caaggagcat	caagggtttg	tctcggttgt	tttgttcttt	ttacaaacta	tagatatata	240
cagttgaaaa	ctcaggattt	ctagccaata	accatagtta	ccaccacctt	acaaataaaa	300
agaaaatgcc	agaaacatct	ttaaatgcct	tgtcacacca	acagcaaagt	gcacagagtg	360
aggagaacac	gagagtgcct	tttcatttta	aaaatgtttg	gaaatatgta	caactttgat	420
acagtttcag	ggtgctccag	acacccatgg				450

<210> 986
 <211> 340
 <212> DNA
 <213> Homo sapien

<400> 986						
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agttgcagca	ctgagtggtc	aaaatacatt	tctggggccac	ctcaggggaac	ccatgcatct	120
gcctggcatt	taggcagcag	agcccctgac	cgtccccccac	agggtctctgc	ctcacgtcct	180
catctcattt	ggctgtgtaa	agaaatggga	aaagggaaaa	ggagagagca	attgaggcag	240
ttgaccatat	ccagttttat	ttatttat	ttatttgtt	tttttctcca	agtccaccag	300
tctctgaaat	tagaacagta	ggcggtatga	gataatcagg			340

<210> 987
 <211> 227
 <212> DNA
 <213> Homo sapien

<400> 987						
ccaatgccc	gagcaggccc	tctttccatc	ccgtgtcgga	tgagctggtc	aactatgtca	60
acaaacggaa	taccacgtgg	caggccgggc	acaacttcta	caacgtggac	atgagctact	120
tgaagaggct	atgtggtacc	ttcctgggtg	ggcccaagcc	acccagaga	gttatgttta	180
ccgaggacct	gaagctgcct	gcaagcttcg	atgcacggga	acaatgg		227

<210> 988
 <211> 241
 <212> DNA
 <213> Homo sapien

<400> 988						
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tcaaacctgc	cggggcttct	ccgcctttt	ttcccgccg	cgggagaagt	agattgaagc	120
cagttgatta	gggtgcttag	ctgttaacta	agtgtttgtg	ggtttaagtc	ccattgggtct	180
agtaagggct	tagcttaatt	aaagtggctg	atttgcgttc	agttgatgca	gagtgggttt	240
t						241

<210> 989
 <211> 193
 <212> DNA
 <213> Homo sapien

<400> 989
 ccagccgtgt cccagacttg tagtttgatc ttcttcccct ctatatccac agtgcggatc 60
 ttgaaatcaa ttccgatggg ggagatgtaa gtgttggtga agttgtcctc tgcaaagcga 120
 atgatcagac aagtcttgcc cccccccgag tccccgatca gcagcaactt gaagaggtgg 180
 tcgtaggctt tgg 193

<210> 990
 <211> 499
 <212> DNA
 <213> Homo sapien

<400> 990
 cctcaaccaa gaggggttgat ggctccagt caagaaactg tggctcatgc cagcagagct 60
 ctctcctcct ccagcaggcg ccatgcaagg gcaggctaaa agacctccag tgcataca 120
 tccatctagc agagagaaaa ggggcactga agcagctatg tctgccaggg gctaggggct 180
 cccttgca cagcaatgct acaataaagg acacagaaat gggggagggtg ggggagccct 240
 atttttataa caaagtcaaa cagatctgtg cgttcattcc cccagacaca caagtagaaa 300
 aaaaccaatg ctgtggtttc tgccaagatg gaatattcct cctcctagtt ccacacatgg 360
 cgtttgcaat gctcgacagc attgcactgg gctgctgtct ctgtgttctg gcaccagtag 420
 cttgggcccc atatacactt ctcagttccc aacaagggct tatgggccga ggggcaggct 480
 ccaattttca agcacacga 499

<210> 991
 <211> 262
 <212> DNA
 <213> Homo sapien

<400> 991
 ctgccagcca ggctgtggtc agtcctctgg caggcaatct tcggcaccga gagcctctgt 60
 ccattagtgt cagccccgag ggggccacga cggaggccgc ccaatgtcca ctgtgatatt 120
 ggtgaagagt ggttgccgag acacctccaa gacctggtac cgcactgacc caatgccgtc 180
 ccgcttcattg gtcagcttcg tgttttgaat cttggtaaac ctctgagggt taggttcgtt 240
 atgcttgctg cggtcgtgct tg 262

<210> 992
 <211> 535
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

<400> 992
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 cctccaaca gtctcctttg tacgtgctgn nctctctgcc tggaacact gtttcccacc 120
 cccaaccccc aattcttctg tttatttttc ttgagacaga gtctcactgt gtagcccaga 180

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ctggagtgca	gtggcgcgat	ctcggctcac	tccaatctcc	gcctcccggg	tccctgttca	240
agcagttctc	ctgcctcagc	ctcctgagta	gctgggatta	caggcacacg	ccaccatgtc	300
cagctaattt	ctgtattttt	agtagagatg	gggtttcacg	atgttggtta	ggatgggtctc	360
gatctctggg	cagagtcttt	tctgtaaata	tccttggtta	agaagcaatt	ttagactgta	420
gctgttgcaa	atgctttaag	gaagaagcaa	aacaactgtc	agtcttntctg	aaatgaagaa	480
actacaccag	ggctgctata	tcagagcaac	cccaaccagc	actncaatca	tgatg	535

<210> 993
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 993	
ctgctgctct	ccccctccag tctctactca ctgggatgag gttaggtcat gaggacacca 60
aaaaccta	aaa aataaaca aagccaaaca agccttagct tttcttaaag gctgaaatgc 120
ctggaagtgt	ccctttat
taagaaattc	agaaactaca gacaaagaga gtggaatta cccactgtca gg 232

<210> 994
 <211> 203
 <212> DNA
 <213> Homo sapien

<400> 994	
ccagcagatc	atccacgacg accaccctct gtccctggctc cagggcgtct ttctgaatct 60
ccagctcagc	cttcccgtac tccagggaa
tcccccgctt	tcggatgagc acgcagccca gtccaagctc ctgggccagg gaggggcaa 180
agaggaagcc	tcgggagtct agg 203

<210> 995
 <211> 238
 <212> DNA
 <213> Homo sapien

<400> 995	
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gtctttgtac	tctgggtgatt tttaaaaaatt gaatctttgt acttgcatg attgtataat 120
aattttgaga	ccaggtctcg ctgtgttgct caggctggct ccaaactcct gagatcaagc 180
aatccgcca	cctcagcctc ccaaagtgt gagatcacag gcgtgagcca ccaccagg 238

<210> 996
 <211> 379
 <212> DNA
 <213> Homo sapien

<400> 996	
ctgcagcctg	ggactgaccg ggaggctctg accatttacc caccacaggt aggttgtgtt 60
ctgaacctca	ggttcacagg tgaaggccac agcatccttg tcctccacgg gggttgagtt 120
gttgctggag	atggagggtc tgggcagctc cgggtatata tggaactgtc cgggtgcttc 180
ttcattcaca	agatctgact ttatgacttg tagggatag aatcctgtgt cattctgggt 240
gacgttctgg	atcagcaggg atgcattggg gtatattgtc tctcgaccac tgtatgcggg 300
ccctggggta	gcttgttgag ttcttattac atatcctaca attagactgt tgccatccac 360
tctttcgctt	ttgtaccag 379

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<210> 997
 <211> 210
 <212> DNA
 <213> Homo sapien

<400> 997
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 agcttttggtg caattcccat cgaccagagt tgggtccgacc agccttggaagggtcactga 120
 aaaatcttca attggattat gttgacctct accttattca ttttccagtg tctgtaaagg 180
 ccgtggagaa gtgtaaagat gcaggattgg 210

<210> 998
 <211> 207
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 998
 ggtggctgtg ctgggggagc cccacaaccc tgctcccccg acgtccaccg tgatccacat 60
 ncgcagcgag acctccgtgc ccgaccatgt cgtctgggtcc ctgttcaaca ccctcttcat 120
 gaacccctgc tgctgggct tcatagcatt cgcctactcc gtgaagtcta gggacaggaa 180
 gatggttggc gacgtgaccg gggccca 207

<210> 999
 <211> 315
 <212> DNA
 <213> Homo sapien

<400> 999
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 tggcagacct catgcaatgc cctccatggt aatattcatc agaaaatgga taattagggg 180
 ggccagcaaa aatatcaagg gtcaaatac gcacatttct gtttaggcca tctatggctt 240
 tcatctcctc tgaagtcaac tggaattcaa acacctgcac gttctgtctg atgcgctgct 300
 cattgtagct cttgg 315

<210> 1000
 <211> 186
 <212> DNA
 <213> Homo sapien

<400> 1000
 ctgttactca agaagatgta tttaatgctt gacaataaga gaaaggaagt agttcacaaa 60
 ataataagat tgctgaatgt cactgaactt acccagaatg ccctgattaa tgatgaacta 120
 gtggagtggg agcggagaca gcagagcgcc tgtattgggg ggccgcccaa tgcttgcttg 180
 gatcag 186

<210> 1001
 <211> 173
 <212> DNA

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<213> Homo sapien

<400> 1001

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ttggcatcag	ggacacctcg	gcagaagcga	gactttgggt	acggcttggt	cttacaatac	120
cggtaacaac	gggcggggcg	gcgggccatg	gcgacaccag	gatcttcagt	ggc	173

<210> 1002

<211> 302

<212> DNA

<213> Homo sapien

<400> 1002

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gtcgccgtgc	accaacttcc	acccagactc	ctccatgggt	tottcaatgt	catcctcctt	120
gttgtagttg	gcaatgtcct	tccggagggt	ccgaatgata	atcatgctca	ggataacctga	180
caggaagaag	accacaacaa	cggagttaat	gatagaaaac	cagtggatct	ggacgtcact	240
catggtcagg	taagtgtccc	agcgagaggg	ccatttgata	tcactttcct	cccagtgagc	300
ag						302

<210> 1003

<211> 368

<212> DNA

<213> Homo sapien

<400> 1003

cctgggcccg	ctgacttcag	ggtgaggcca	cagctactgc	agcgcttttt	atttatttat	60
ttattttactg	agatggagtc	ttgctctgtc	acccaggctg	gagtgcagtg	gtgcaatctc	120
ggctcactgc	aacctctgcc	tcctgggctg	cagtgattct	cctgcgttca	agtaattctc	180
ctgcctcggc	cttctgagta	gttgggatta	caggcatatg	ccaccacact	tggctaattt	240
tttgatatttt	tagtagaaat	ggggtttcac	catgttggcg	aggetgggtct	cgaactcccg	300
acctcaagga	tcctcctgcc	tcggcctcct	aaggtgctgg	gattgcaggt	gtgagccacc	360
acgtctgg						368

<210> 1004

<211> 294

<212> DNA

<213> Homo sapien

<400> 1004

ctgggcggat	agcaccgggc	atatttttga	atggatgagg	tctggcaccc	tgagcagtcc	60
agcgaggact	tggtcttagt	tgagcaattt	ggctaggagg	atagtatgca	gcacggttct	120
gagtctgtgg	gatagctgcc	atgaagtaac	ctgaaggagg	tgctggctgg	taggggttga	180
ttacaggggt	gggcacagct	cgtacacttg	ccattctctg	catatactgg	ttagtgaggt	240
gagcctggcg	ctcttctttg	cgctgagcta	aagctacata	caatggcttt	gtgg	294

<210> 1005

<211> 414

<212> DNA

<213> Homo sapien

<400> 1005

ctgaagcact	cttcagagac	tacgtccaca	gacactgatg	ctgaggcctt	tcttgtaagt	60
gaagaaaaag	gaatgcagca	aagaagagtt	cgacattgga	gtccttagtt	ccatcaggat	120

098496-050301

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ccattcgca gccttttagca tcatgtagaa gcaaactgca cctatggctg agataggtgc 180
aatgacctac aagattttgt gttttctagc tgtccaggaa aagccatctt cagtcttgct 240
gacagtcaaa gagcaagtga aaccatttcc agcctaaact acataaaagc agccgaacca 300
atgattaaag acctctaagg ctccataatc atcattaaat atgcccaaac tcattgtgac 360
ttttttatttt atatacagga ttaaaatcaa cattaaatca tcttatttac atgg 414

```

```

<210> 1006
<211> 272
<212> DNA
<213> Homo sapien

```

```

<400> 1006
ccggagccca cgggtggcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
ccagccaagg acaggggtga ctgctggctac ccccatgtca cccccaagga gtgcaacaac 180
cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
gaagcagaat gcaccttctg aggcacctcc ag 272

```

```

<210> 1007
<211> 313
<212> DNA
<213> Homo sapien

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```

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

```

```

<400> 1007
cctgccttac tctnttcctt ttccccaggg actottgggt ttcagaagcc cctctggaat 60
gtcctacctg gcctaacccc ataccagcag tgcagacaag gaggcaactc tactatagtg 120
gggtccagccc atggagagac tcacttcctg ccccaacacc tcttccccta gaccctgagg 180
gccaggacaa tgtcttagtg ccttccaact tggcagagtg agggcccatg agacagagag 240
aaagggggaa gagggaaata cctttatcca aataaatacc catccaaaat tatttgtgat 300
aggtgaaaaa tgg 313

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```

<210> 1008
<211> 317
<212> DNA
<213> Homo sapien

```

```

<400> 1008
cctcaatgtc gtgctagagg ggccgaagaa ggccgtgaac gacgtgaatg gcctgaagca 60
atgtttggca gaattcaagc gggatctgga atgggttgaa aggctcgatg tgacactggg 120
tccggtaccg gagatcggtg gatctgaggc gccagcacct cagaacaagg accagaaagc 180
tggtgatcca gaagacgact tccagcgaga gatgagtttc tatcgccaag cccaggccgc 240
agtgccttga gtcttacccc gcctccatca gctcaaagtc cctaccaagc gacccaactga 300
ttattttgcy gaaatgg 317

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```

<210> 1009
<211> 456
<212> DNA
<213> Homo sapien

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F06050" 92264860

<210> 1013

<211> 221
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 1013
 tctgtaaatg ctgcgttcct aatttagtaa aataaaagaa tagacactaa aatcatgttg 60
 atctataatt acacctatgg gatcaataag catgtcanna ctgattaatg tctactgtaa 120
 aaatttggtg gnnaaatttt catttgatat tagatataaa tatctgaata taaataattn 180
 taatatacta gtcattgatgt gtgttgattt ttaaaaatta t 221

<210> 1014
 <211> 512
 <212> DNA
 <213> Homo sapien

<400> 1014
 gggccccga agcctctaca atgggctggt tgccggcctg cagcgccaaa tgagctttgc 60
 ctctgtccgc atcggcctgt atgattctgt caaacagttc tacaccaagg gctctgagca 120
 tgccagcatt gggagccgcc tcctagcagg cagcaccaca ggtgccctgg ctgtggctgt 180
 ggcccagccc acggatgtgg taaaggtccg attccaagct caggccccggg ctggaggtgg 240
 tcggagatac caaagcaccg tcaatgccta caagaccatt gcccgagagg aagggttccg 300
 gggcctctgg aaagggacct ctcccaatgt tgctcgtaat gccattgtca actgtgctga 360
 gccggcgacc tatgacctca tcaaggatgc cctcctgaaa gccaacctca tgacagatga 420
 cctcccttgc cacttcactt ctgccttttg ggcaggcttc tgcaccactg tcatcgctc 480
 ccctgtagac gtggtcaaga cgagatacat ga 512

<210> 1015
 <211> 553
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 1015
 ctgggcagga agattatgat cgcccagagg ccctctccta cccagatacc gatgttatac 60
 tgatgtgttt ttccatcgac agccctgata gttcagaaaa catcccagaa aagtggaccc 120
 cagaagtcaa gcattttctgt cccgacgtgc ccatcatcct ggttggaat aagaaggatc 180
 ttcggaatga tgagcacaca aggcgggagc tagccaagat gaagcaggag ccggtgaaac 240
 ctgaagaagg cagagatatg gcaaacagga ttggcgcctt tgggtacatg gagtgctcag 300
 caaagaccag agatggagtg agagaggttt ttgaaatggc tacgagagct gctctgcaag 360
 ctagacgtgg gaagaaaaaa tctgggtgcc ttgtcttctg aaaccttgct gcaagcacag 420
 cccttatgcg gttaattttg aagtgcgtgt tattaatcct agtgtatgat tactggcctt 480
 tttcatttat ctataattta cctaagatta caaatcanga agtcatcttg ctaccagtat 540
 ttagaagcca act 553

<210> 1016

1014-1015 "92954850"

<211> 431
 <212> DNA
 <213> Homo sapien

<400> 1016
 ccacttcaca tgatggcggg cctttaagag cacaaagaag tttaatatgg acaacaacag 60
 gaaaaagcaa gaagaaaaca agtagggaaa gacagctaac ctggagagag agaatttctt 120
 taacctttat gttcttcatt aaaaatctta tcttgactg atttgaggga tttttagaaa 180
 catggcctta ttttatataa gcattacctt cccaggaatc tttgttgtat attaatTTTT 240
 gataaccatt tgattaactt taaaattaag tatatgtgtg tatatatata tatgtatgtt 300
 tatatacaca catgtatctg tatagtttta tatatacata tatacacata gacatacaga 360
 gaaccactac tttgtaatag tgtacagttt gttttatatc tctttacttt ttttgttact 420
 attttatctg t 431

<210> 1017
 <211> 490
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(490)
 <223> n = A,T,C or G

<400> 1017
 ctggaagaac aaggcgaagt tctggtggct gtctgcgatg aatgtgccct tggctttggc 60
 tgggtatgtc acccggttag ttttgggtgc aatgctctga tccttatcca cgggtggaag 120
 atcaacattt gtgatgcaa cttcagtggg gatcttgact ctgagctcta cgggtatttgc 180
 aatataccgg ttgtcacctt caacttcgac aaggaagtca taataaccac tggaaaattt 240
 gacgttcatg aaatttagtt caaaaacatc ccctacaggg gtgaaggatg tcttctggag 300
 gacagtggct ctggaagcaa cagatttagc atgttctagt ttaacagtgg cctgagtcag 360
 aggctgagac agaacattgg tgacttgcaa ccgcaagata gcctgttcat gagtgtcggg 420
 agcaganccc tcangcacaa ccacaactgg cacgtggtag cgattatgcg agagcacagg 480
 cagacctcgg 490

<210> 1018
 <211> 503
 <212> DNA
 <213> Homo sapien

<400> 1018
 ggagtaagct gagtacaagt accatagcag cagagctgca aaaggtcttg ggacctatag 60
 tcctaattgca agataaggctc atggggccta aggccatggg gcctgaggca cccctagacc 120
 ctgagccttc agcattttaag ggaggggtgtc cccccattct cgataggcca tggtagacag 180
 atgggtctag ccgaggtgct ataactgctt ggaccactgt tgcagtccaa cctagtactg 240
 aactatatg gtttgaaacc cgggtgtggac aaagtagcca atgggctgaa cttagagcag 300
 tgtggatggt gatcaccaag gaggtgacac tgatggtaat ctgtatcaat agctgggtgg 360
 tctaccaagg cttaactttg tggttaacta cctggaaaat acagaagttg ctagtgcggc 420
 accaaccat ttgggggtcaa gccacgtggc aagacctctg ggaaatgggt catcagaaac 480
 aggtaaccgt ttatcatgtg tca 503

<210> 1019
 <211> 348
 <212> DNA

<213> Homo sapien

<400> 1019

cctgtgtatg	gagtagaggg	gggtgcacgg	gtactgttcc	tcacggcagt	caagaggccc	60
aggctctgtg	ggctccagct	ctgcatttcc	cggttctggg	gttggggctg	ggatgacttc	120
ctgttggact	tgctgctggg	actggaactg	gaactgttcc	tcggaggggc	gaggagtac	180
ctcttgataa	tcatagtagt	ctgggttgtc	gatctggtcg	ctatagtggg	tgtactggac	240
gtggtcaggg	aacggcggca	gcgggtccag	gtcatactgg	ccctgagcca	gcaagcctgc	300
aggcaggaat	agcaggaaga	ggtaggcagc	tctcatggca	acaaagag		348

<210> 1020

<211> 260

<212> DNA

<213> Homo sapien

<400> 1020

ccacacggcg	accgagggac	agatggggcc	ctgcgtccca	taggctgcct	gaaggtgggt	60
agggcgccct	gcggcatagt	ggggtggctg	tgggtccca	gcctggcccc	tgggaaccgt	120
gggagcacag	ggacaagcac	atggctatgg	aatgcagggt	gacccaagga	caagcgagtt	180
gcggggatct	ctactgtgac	catgcagaat	tgatcgagct	ctgctgcgcc	accaccacct	240
catgttcccc	aggggaacag					260

<210> 1021

<211> 407

<212> DNA

<213> Homo sapien

<400> 1021

ccttatgact	ataacggccc	acgagaaaaa	tatggaatcg	ttgattacat	gatcgagcag	60
tccgggcctc	cctccaagga	gattctgacc	ctgaagcagg	tccaggagtt	cctgaaggat	120
ggagacgatg	tcatcatcat	cgggtctttt	aagggggaga	gtgaccagc	ctaccagcaa	180
taccaggatg	ccgctaacaa	cctgagagaa	gattacaaat	ttcaccacac	tttcagcaca	240
gaaatagcaa	agttcttgaa	agtctcccag	gggcagttgg	ttgtaatgca	gcctgagaaa	300
ttccagtcca	agtatgagcc	ccggagccac	atgatggacg	tccagggtc	caccaggagc	360
tgggccatca	aggacttcgt	gctgaagtac	gccctgcccc	tggttgg		407

<210> 1022

<211> 140

<212> DNA

<213> Homo sapien

<400> 1022

ccaccccaga	gtgggagagg	ctgggaggtt	gggaggctgt	ggagagaagt	gagcaagggtg	60
ctcttgaacc	tgtgtcatt	ttgcaatttt	atcagtaatt	tgacttagag	tttttacgaa	120
acctcttttg	ttgtccttgc					140

<210> 1023

<211> 280

<212> DNA

<213> Homo sapien

<400> 1023

ctggagggtgc	ctcagaaggt	gcattctgct	tcctgcaggg	gcttgaaaca	ccaaggcact	60
ccagggatcc	tggagtcaaa	gcagcagccc	cggttggtgc	actccttggg	ggtgacatgg	120

gggtagccgc agtccaccct gtccttggct ggcacggcac actggtttgc agacaggccc 180
 gcgtactcct cagcagagct ggaggacagc aaggccagga ccagccccag catgcagagc 240
 gctctggcag ccatgaccac cgtgggctcc gggacgcagc 280

<210> 1024
 <211> 274
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 1024
 cctggctgag caggcagagc accctgggac cccagggcag aaggaccct gccctccagt 60
 ccccaagacc caggcccgtc tccactcata cagccacct acatgtgacg tcagccctga 120
 aaaggtaaca ggaaagtcca gaacaaaaac aaaaccccaa aagtaaaaag gctacgtgta 180
 gcagagtaat accggaaacg ttatatacac aggcggtgat ggccccctcg gaagtgtccg 240
 ggtcacttag ggggcactgc anaggtccct gtgg 274

<210> 1025
 <211> 446
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 1025
 gcaaagagtg tactgtgctt gaggcagagc actcacacat aaatggctgt gtgtggaatt 60
 gcttgccaaa gaagtttcta gcctttccct tccccctaac tgcatcaggg aagaattctt 120
 atctctagct tggtttccac atgaggtttt tctgagaagg gcttgggaca agaagtctgt 180
 catgttagtt aagcaggcaa gaaatcctac taatccagtt ttgtttgaaa gttgtttgtc 240
 cgtatgattt tttaaaagtc aagtttaatt tcaaaaaacc ttttttttct gagattactt 300
 ttggggtaat atttaaaatg agagacattt tgtaaccctg taaaatacat agggaatata 360
 acattccagt gtatacaaag aaggcaaatt ctttaaatcaa ataaagcgca ttataaaatc 420
 aaaaaanaaa naaaaaaaaaa aaaaaa 446

<210> 1026
 <211> 189
 <212> DNA
 <213> Homo sapien

<400> 1026
 ctgtgagaga gatgctcaat atgccccagg ctatgacaaa gtcaaggaca tctcagaggt 60
 ggtcaccctt cggttccctt gtactggagg agtgagtccc tatgctgacc ccaatacttg 120
 cagaggtgat tctggcggcc ccttgatagt tcacaagaga agtcggttca ttcaagttgg 180
 tgtaatcag 189

<210> 1027
 <211> 92

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<212> DNA
<213> Homo sapien

<400> 1027
ccagaccctc cttagtagac gatctcggac cacaacccaa ggagtctcgt ggccttggat 60
tcccagaccc taggatggta tccctctgac ag 92

<210> 1028
<211> 438
<212> DNA
<213> Homo sapien

<400> 1028
ctgaaaagcc atctttgcat tgttcctcat ccgcctcctt gctcgccgca gccgcctccg 60
ccgcgcgcct cctccgcgcg cgcggactcc ggcagcttta tcgccagagt ccctgaactc 120
tcgctttctt tttaatcccc tgcatcggat caccggcgtg ccccaacctg tcagacgcag 180
ccgtagacac cagctccgaa atcaccacca aggacttaaa ggagaagaag gaagttgtgg 240
aagaggcaga aaatggaaga gacgcccctg ctaacgggaa tgctaatgag gaaaatgggg 300
agcaggaggc tgacaatgag gtagacgaag aagagggaaga aggtggggag gaagaggagg 360
aggaagaaga aggtgatggt gaggaagagg atggagatga agatgaggaa gctgagtcag 420
ctacgggcaa gcgggcag 438

<210> 1029
<211> 330
<212> DNA
<213> Homo sapien

<400> 1029
ccagccgcat gggagtggag gcagtcacg ccttgctaga ggccaccccg gacaccccag 60
cttgcgctcgt gtcactgaac gggaaccacg ccgtgcgcct gccgctgatg gactgcgtgc 120
agatgactca ggatgtgcag aaggcgatgg acgagaggag atttcaagat gcggttcgac 180
tccgagggag gagctttgcg ggcaacctga acacctaca gcgacttgcc atcaagctgc 240
cggatgatca gatcccaaag accaatcgca acgtagctgt catcaacgtg ggggcacccg 300
cggctgggat gaacgcggcc gtacgctcag 330

<210> 1030
<211> 228
<212> DNA
<213> Homo sapien

<400> 1030
ctggagactc tgggccagga gaagctgaag ctggaggcgg agcttggcaa catgcagggg 60
ctggtggagg acttcaagaa caagtatgag gatgagatca ataagcgtac agagatggag 120
aacgaatttg tcctcatcaa gaaggatgtg gatgaagctt acatgaacaa ggtagagctg 180
gagtctcgcc tggaagggct gaccgacgag atcaacttcc tcaggcag 228

<210> 1031
<211> 294
<212> DNA
<213> Homo sapien

<400> 1031
ccacaaagcc attgtatgta gcttttagctc agcgcaaaga agagcgccag gctcacctca 60
ctaaccagta tatgcagaga atggcaagtg tacgagctgt gcccaaccct gtaatcaacc 120

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cctaccagcc agcacctcct tcaggttact tcatggcagc tatcccacag actcagaacc 180
 gtgctgcata ctatcctcct agccaaattg ctcaactaag accaagtccc cgctggactg 240
 ctcagggtgc cagacctcat ccattccaaa atatgcccg tgctatccgc ccag 294

<210> 1032
 <211> 278
 <212> DNA
 <213> Homo sapien

<400> 1032
 ggaggtatta cagacagcac tgcactttgg agttgggcag ctacatcgag gacctctttg 60
 tgggtccacag tgacctctcc agcattgtga tcctggataa ctccccaggg gcttacagga 120
 gccatccaga caatgccatc cccatcaaat cctggttcag tgaccccagc gacacagccc 180
 ttctcaacct gctcccaatg ctgggtgcc tcaggttcac cgctgatgtt cgttcctgtc 240
 tgagccgaaa cttcaccaa catcggtct ggtgacgg 278

<210> 1033
 <211> 155
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(155)
 <223> n = A,T,C or G

<400> 1033
 cgcgttcanc catgttnaaa ccgattgcat naacttcgaa accggcccgc ccgccggcgc 60
 ctggagagg gcanngggag aagcagagag tttatcattc atctgtacac atagacgttt 120
 cttctttaaa taacaccacg ggcgggagcc ccac 155

<210> 1034
 <211> 401
 <212> DNA
 <213> Homo sapien

<400> 1034
 ctggaccagc accccattga cgggtacctc tcccacaccg agctggctcc actgcgtgct 60
 cccctcatcc ccatggagca ttgcaccacc cgctttttcg agacctgtga cctggacaat 120
 gacaagtaca tcgccctgga tgagtgggccc ggctgcttcg gcatcaagca gaaggatata 180
 gacaaggatc ttgtgatcta aatccactcc ttccacagta ccgattctc tctttaaccc 240
 tccccctcgt gtttccccca atgtttaaaa tgtttggatg gtttgttgtt ctgcctggag 300
 acaaggtgct aacatagatt taagtgaata cattaacggt gctaaaaatg aaaattctaa 360
 cccaagacat gacattctta gctgtaactt aactattaag g 401

<210> 1035
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 1035
 ctgagctggg ggttgaatth ctccaggcac tccctggaga gaggaccag tgacttgtcc 60
 aagtttacac acgacactaa tctcccctgg ggaggaagcg ggaagccagc caggttgaac 120
 tgtagcgagg cccccaggcc gccaggaatg gacctgacag atcactgtca gtggagggaa 180

gctgctgact gtgattaggt gctggggtct tagcgtccag cgcagcccgg gggcatcctg 240
 gaggtctctgc tccttagggc atggtagtca ccgcgaagcc gggcaccgtc ccacagcatc 300
 tcctagaagc agccggcaca ggagggaagg tgg 333

<210> 1036
 <211> 198
 <212> DNA
 <213> Homo sapien

<400> 1036
 ccaatgtaca tgggtggacta tgccggcctg aacgtgcagc tcccgggacc tcttaattac 60
 tagacctcag tactgaatca ggacctcact cagaaaagact aaaggaaatg taattttatgt 120
 acaaaatgta tattcggata tgtatcgatg ccttttagtt tttccaatga tttttacact 180
 atattcctgc caccaagg 198

<210> 1037
 <211> 289
 <212> DNA
 <213> Homo sapien

<400> 1037
 ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccaggtggaa 60
 tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattgtt 120
 ctggttgctt atagtgtctt gggatcccac cgagaagaac catgggtgga cccgaactcc 180
 cgggtgtctt tggaggaccc agtcctttgt gccttggtgaa aaaagcacia gcgaaccca 240
 gccctgattg ccctgcgcta ccagctacag cgtgggggtg tggctcctgg 289

<210> 1038
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 1038
 ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
 cttgaggtca ggagttcgag accagcctcg ccaacatggt gaaaccccat ttctactaaa 120
 aatacaaaaa attagccaag tgtggtggca tatgcctgta atcccaacta ctcagaaggc 180
 cgaggcagga gaattacttg aacgcaggag aatcactgca gcccaggagg cagaggttgc 240
 agtgagccga gattgcacca ctgcactcca gcctgggtga cagagcaaga ctccatctca 300
 gtaaataaat aaataaataa aaagcgctgc agtagctgtg gcctcaccct gaagtcagcg 360
 ggcccagg 368

<210> 1039
 <211> 417
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 1039
 ctgggcctat gctggctcatg aacggtcctg gaaaatgact cccttccttc agtatctgca 60
 tcctcatgaa gtcattcatt ttggagatcg tgtcttcact tttcttggtg aagaaactgc 120

tggatggagt	tgttggtggc	atctgaggag	tccgaagatg	gctctcaggg	aaggttgtgc	180
tggcctctga	aggatttgga	agctgactct	gttcctgggg	tagctnnatg	ctcttggggg	240
cattgnttct	cggggttgnt	tttttcttta	tctggataaa	actatgcatt	tctgaaatca	300
gttttgacat	ctgggttctt	tttcctaagt	cgaaagcaga	aaagttggaa	gcttatctcc	360
ttcttcacag	ggggatattg	tggacattgn	nctgtcccca	ctacatccat	ttttcct	417

<210> 1040
 <211> 409
 <212> DNA
 <213> Homo sapien

<400> 1040						
ctgtccaatg	gcaacaggac	cctcactcca	ttcaatgtca	caagaaatga	cgcaagagcc	60
tatgtatgtg	gaatccagaa	ctcagtgagt	gcaaaccgca	gtgaccaggt	caccctggat	120
gtcctctatg	ggccggacac	ccccatcatt	tcccccccag	actcgtotta	cctttcggga	180
gcgaacctca	acctctcctg	ccactcggcc	tctaaccat	ccccgcagta	ttcttggcgt	240
atcaatggga	taccgcagca	acacacacaa	gttctcttta	tcgcaaaat	cacgccaaat	300
aataacggga	cctatgcctg	ttttgtctct	aacttggcta	ctggccgcaa	taattccata	360
gtcaagagca	tcacagtctc	tgcattctgga	acttctcctg	gtctctcag		409

<210> 1041
 <211> 492
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 1041						
cctcggctcc	acacctccgc	tgtgaccaca	gcctcaggtc	aagctgtgct	ggggccatcc	60
accttccttt	gccatttaga	agatggggct	tggagcttgg	caacacagaa	attgacatca	120
gccttataaa	accttggttg	aacctaccga	cctccaggag	aatttcagcc	aaaacaaaaa	180
agcaaataca	cagagggacc	ctggaaccag	aatccctccc	catgggaaag	acgaaggcac	240
agagattcga	gccaaagtct	ccaacatgtt	ggtgtttgca	gaaaagtccg	gtcacgtcac	300
acacagcaca	gaggcaagaa	gcgaaggcag	tggcattcac	aggactactt	tatattaaag	360
tttattacat	ttggaaaatc	tactgtacag	ggaaaaaccc	attggattaa	gtagagtttt	420
gccaaaagca	aaagactatc	actctttgga	aaatattcct	gattccagcc	canggccag	480
ggtggggcca	ca					492

<210> 1042
 <211> 125
 <212> DNA
 <213> Homo sapien

<400> 1042						
cctggctctg	atccagtgac	ccctctcacc	aaagaactcg	gtttaaccag	ggctctgtaa	60
gaccactccc	acccagagac	ttgtgtggcc	tgggtgtggc	tgtgtgtcgg	attccttct	120
gtcag						125

<210> 1043
 <211> 459
 <212> DNA

<213> Homo sapien

<400> 1043

ccagcctgga	gataaggggtg	aaggtgggtgc	ccccggactt	ccaggtatag	ctggacctcg	60
tggtagccct	ggtgagagag	gtgaaactgg	ccctccagga	cctgctggtt	tccctgggtgc	120
tcctggacag	aatggtgaac	ctgggtggtaa	gggagaaaga	ggggctccgg	gtgagaaaagg	180
tgaaggaggc	cctcctggag	ttgcaggacc	ccctggaggt	tctggacctg	ctggctcctcc	240
tggtccccaa	ggtgtcaaag	gtgaacgtgg	cagtctctggt	ggacctggtg	ctgctggctt	300
ccctgggtgct	cgtgggtcttc	ctgggtcctcc	tggtagtaat	ggtaaccag	gacccccagg	360
tcccagcggg	tctccaggca	aggatggggc	cccaggtcct	gcgggtaaca	ctgggtgctcc	420
tggcagccct	ggagtgtctg	gaccaaaaagg	tgatgctgg			459

<210> 1044

<211> 368

<212> DNA

<213> Homo sapien

<400> 1044

cctggggccc	ctgacttcag	ggtgaggcca	cagctactgc	agcgcttttt	atttatttat	60
ttatttactg	agatggagtc	ttgctctgtc	acccaggctg	gagtgcagtg	gtgcaatctc	120
ggctcactgc	aacctctgcc	tcctgggctg	cagtgtattct	cctgcgttca	agtaattctc	180
ctgcctcggc	cttctgagta	gttgggatta	caggcatatg	ccaccacact	tggctaattt	240
tttgattttt	tagtagaaat	ggggtttcac	catgttggcg	aggctggtct	cgaactcctg	300
acctcaagga	tcctcctgcc	tcggcctcct	aaggtgctgg	gattgcaggt	gtgagccacc	360
acgtctgg						368

<210> 1045

<211> 315

<212> DNA

<213> Homo sapien

<400> 1045

ccaatgggct	ttgctgtagc	ttgctgaaat	caccaagcag	gagagattta	accagaggcg	60
atgtgtccag	tcaccagcat	agagccatcc	tctgtgtcac	catccacacg	cagggcctcc	120
tggcagacct	catgcaatgc	cctccatggt	aatattcatc	agaaaatgga	taattagggg	180
ggccagcaaa	aatatcaagg	gtcaaataat	gcacatttct	gtttaggcca	tctatggctt	240
tcattctcct	tgaagtcaac	tggaattcaa	acacctgcac	gttctgtctg	atgcgctgct	300
cattgtagct	cttgg					315

<210> 1046

<211> 317

<212> DNA

<213> Homo sapien

<400> 1046

cctcgccctg	agggccccgg	gcagcacagg	gaggacgagc	ttgtccagca	gagggctctgg	60
cagagggtcc	cgcagagggt	tgggcagggg	gtctgacatc	cctggctcct	gctctggctc	120
tggtgcccgg	gatttgcaca	ggcccagggt	catacagatg	ccgtttgagt	caatctgggt	180
ctggaagtag	tcgatgacca	gggggaagta	gtcgtcaagc	acttggttgc	actggggcat	240
gagcagcttc	aaggggagga	cgttgacatc	ctgctccagg	aacttcctca	ccgtgtcctg	300
gaaaatggcc	tccttgg					317

<210> 1047

<211> 412

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<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 1047
gtacaagctt tttttttttt tttttttttt tttgtttaat gcttgaactt tatttttgag 60
agagaaattt agaaagacac aaggtagaca gagtaaaatg tttttctttt ttcaggacct 120
tgaactgaat ottgcactgc tttggtttct atctaggaag ctacagcgaca gcagagtctg 180
tanaggcggc cactgatttc acacaccccc gagagggact cacgggtagc acaacggccg 240
gttcggcaat agcaggtggc tcttgccctga naacctgagg ttctaanaagc ananagtcca 300
tttctgcaa aggagatagc aaggtcctgg ttgtcttccc canactgctt ctgggttgta 360
gcctcatcag ctctttcctg gagtgactca gcctgggcct gcagggccac ca 412

<210> 1048
<211> 476
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(476)
<223> n = A,T,C or G

<400> 1048
taaaaaaagg aaaaagtttt attacgaaac tagtttgtat aaaacagggt tatacatatt 60
tttghtaagt tgtaataaaa cagtaagaaa aaaaggcagt aatagaaatc tccaaaaggc 120
aacctatcaa aaccaactgg ctgccacttt gagtttggac agtagctgca taaactttgt 180
tcttcttgaa cagtatttaa taacatcatt aatacattaa caacatttct ataaagtaag 240
acacattggg gctgaagtac aactggnggc ctcttgatct cacctatgag gagagttctt 300
tacaaaacca catagggaaa attgcagttg taaggngaac tacncatcta aaatatgcan 360
aggtaatagc attacatggt aaaggatatca aggnatata cacattttta accatttggn 420
acaaaacttn tataaaattt ntttctctct ctttctctct tatgcacaaa aaatat 476

<210> 1049
<211> 274
<212> DNA
<213> Homo sapien

<400> 1049
cctggctgag caggcagagc accctgggac cccagggcag aaggaccct gccctccagt 60
cccgaagacc caggcccgtc tccactcata cagccacct acatgtgacg tcagccctga 120
aaaggtaca ggaaagttca gaacaaaaac aaaaccccaa aagtaaaaag gctacgtgta 180
gcagagtaat accggaaacg ttatatacac aggcggtgat ggccccctcg gaagtgtccg 240
ggtcacttag ggggcactgc agaggtccct gttgg 274

<210> 1050
<211> 472
<212> DNA
<213> Homo sapien

TOE050"93964360

<400> 1050
 ctgcagcctg ggactgaccg ggaggctctg attatttacc caccacaggt aggttgtggt 60
 ctgaatctca ggttcacagg ttaaggctac agcatcctca tcctccacgg ggttgaggt 120
 gttgctggtg atgaagggtt tgggtggctc tgcatagact gtgatcgctg tgactgtggt 180
 cctattgagg ccagtgtctg agttatgggc ttggcacgta taggatccac tattattcac 240
 agtgatgttg gggataaaga gctcttgggt ggattgctgg aaagtcccat tgacaaacca 300
 agagtactgt gcagggtgggt tagaggctgc gtggcaggag aggttcagat tttccctga 360
 tctgtaagat gtgttttagag gggaaatggg gggggcatcc gggccataga ggacattcag 420
 gatgactgaa tcaactgcgc tggcactcac tgggttctgg gtttcacatt tg 472

<210> 1051
 <211> 249
 <212> DNA
 <213> Homo sapien

<400> 1051
 ccaccaaccg tggcatcacg cgaatccggg gcaccagcta ccagagccct caccgcatcc 60
 ccatagacct gctggaccgg ctgcttatcg tctccaccac cccctacagc gagaaagaca 120
 cgaagcagat cctccgcacg cgggtgcagg aagaagatgt ggagatgagt gaggacgcct 180
 acacggtgct gaccgcacg gggctggaga cgtcactgcg ctacgccatc cagctcatca 240
 cagacctgc 249

<210> 1052
 <211> 289
 <212> DNA
 <213> Homo sapien

<400> 1052
 ccaggaccac aacccacgc tgtagctggt agcgcagggc aatcagggt ggggttcgct 60
 tgtgcttttt tgccaaggca caaaggactg ggtcctccaa gagcaccggg gagttcgggt 120
 ccaccatcg tttgtctcgt tgagatccca gagcactata ggcaaccaga acaatatctt 180
 tcgacttgca gaaatctagc aatttactcc ggttgaaata cgatgacat tctacctggt 240
 tgcagacagg cttgtacttg agtcctggct tgttgaggat catctccag 289

<210> 1053
 <211> 199
 <212> DNA
 <213> Homo sapien

<400> 1053
 ccacgactgc atgcccgcgc ccgccagggtg atacctccgc cggtgaccca ggggctctgc 60
 gacacaagga gtctgcatgt ctaagtgcta gacatgctca gctttgtgga tacgcggact 120
 ttgttgctgc ttgcagtaac cttatgccta gcaacatgcc aatctttaca agaggaaacc 180
 gtaagaaagg gccacgccg 199

<210> 1054
 <211> 224
 <212> DNA
 <213> Homo sapien

<400> 1054
 tcgaccctgt gaagcaggag acagatgctg cattttcact gttgtttgtc ctctgttttt 60
 gtagcatccc cggaacttc cccatcagcc aggggcttgt cccaccacc cttcacctgg 120
 cttccagtt ggctgagacg ctgcttcac ttcactctgg tggcgttgta ctcagccagg 180

aggcgtgcaa acctggtctg cagggcgctcc agggaggacc ccag

224

<210> 1055
<211> 390
<212> DNA
<213> Homo sapien

<400> 1055
cctcttatta gggctctggt agcggcgggc gcgaccctt ggggtctgga cgcaacggcg 60
gcgggagcat gaacgcccct ccagccttcg agtcgttctt gctcttcgag ggcgagaaga 120
agatcaccat taacaaggac accaaggtag ccaatgcctg ttatttcacc atcaacaaag 180
aagaccacac actgggaaac atcattaaat cacaactcct aaaagaccgc caagtgtat 240
ttgctggcta caaagtcccc cacccttg agcacaagat catcatccga gtgcagacca 300
cgccggacta cagccccag gaagccttg ccaacgccat caccgacctc atcagtgagc 360
tgtccctgct ggaggagcgc ttcgggtgg 390

<210> 1056
<211> 450
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 1056
ccagcatcac cttttggtcc nnacactcca gggctgccag gagcaccagt gttaccgcga 60
ggacctgggg gccatcctt gcctggagaa ccgctgggac ctgggggtcc tgggttacca 120
ttactaccag gaggaccag aagaccacga gcaccaggga agccagcagc accaggcca 180
ccaggactgc cagttcacc tttgacacct tggggaccag gaggaccagn angtccagaa 240
cctccagggg gtccgtcaac tccaggaggg cctccttcac ctttctcacc cggagcccct 300
ctttctcctt taccaccag ttcaccattc tgtccaggag caccaggga accagcagg 360
cctggagggc cagtttnacc tctctcacca nggctaccac gaggtccagc tatacctgga 420
agtccggggg caccacctc acccttacct 450

<210> 1057
<211> 337
<212> DNA
<213> Homo sapien

<400> 1057
tgagcggccg cccggcaggt cctgcctgg agggccccg gcagcacagg gaggacgagc 60
ttgtccagca gaggtctgg cagagggtcc cgcagaggtt tgggcagggg gtctgacatc 120
cctggctcct gctctggctc tggtgcggg gatttgcaca ggcccagggt catacagatg 180
ccgtttgagt caatctggtt ctggaagtag tcgatgacca gggggaagta gtcgtcaagc 240
acttggttg actggggcat gagcagcttc aaggggagga cgttgcactc ctgctccagg 300
aacttcctca tcgtgtcctg gaaaatggcc tccttgg 337

<210> 1058
<211> 237
<212> DNA
<213> Homo sapien

09349626.050301

<400> 1058
 ctggggactg ggaatgctag catatggtat ctcaagttgg ctctcagaac taaacgggga 60
 taagggccta gaatggaaga gggaaccagc cagaccctca gtccttcctg tcctggactg 120
 ggagccacag atgtccctgt gatctgtcac tgccctgata tgggtcttca gccattaaag 180
 ctcagtgtca tcttcagtca ccaacggggg tcttggtgtc cttccaaacc cctttgg 237

<210> 1059
 <211> 210
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 1059
 agcccatccc cccggctccc tcctagtctg ccctgcgtcc tctgtccccg ggtttcagag 60
 acaacttccc aaagcacaaa gcagtttttc cccctagggg tgggaggaag caaaagactc 120
 tgtacctact ttgtatgtgt ataataattt gagatgtttt taattattnn gattgctgga 180
 ataaagcatg tggaaatgac ccaaaaaaaaa 210

<210> 1060
 <211> 564
 <212> DNA
 <213> Homo sapien

<400> 1060
 ctggccacag agcccagcaa gtccttcctg ggagagaaga gttagggctg atactgaagg 60
 tctctttcac atctgggcac acgtctgcct tcaggctgta agaatttcat ttgtcgattg 120
 tttaaataaaa ccaggagaaa gcaatgcagg tctctgggaa tctcatccct tccataagga 180
 aaatgctctg ccaattcaag ttctattcag tcagggaagac agaaggattt aaggcttcgg 240
 tgacaattat aatcctctga gaaattatct ccccttaaag tcaagataag ataatagtgt 300
 ttactgtact ttctcttgac tcttgaaatc cctgggtattg ggtgtaggca acttgcacct 360
 gcaatgaagt ccgcaggaga ggaagggtctc tcctcccccg aaagctatcc caggtcacat 420
 gcgtggcgaa tgcccactga acctcggctc tcatggaagc aggaaagaca ccgagattca 480
 agccttctag taggttgagg acgtctgtgt catggcatct tcggagattt tggtagctggc 540
 aggggtggat gcttgcaaaa tact 564

<210> 1061
 <211> 267
 <212> DNA
 <213> Homo sapien

<400> 1061
 cctatggagg tgccatgat gtcattgagct ctaagcacct ttgtggtgat accaactatg 60
 cctggcccac cgcagagatt gcggtcatgg gagcaaaggc cgctgtggag atcatcttca 120
 aagggcatga gaatgtggaa gctgctcagg cagagtacat cgagaagttt gccaacctt 180
 tccctgcagc agtgcgaggg tttgtggatg acatcatcca accttcttcc acacgtgccc 240
 gaatctgctg tgacctggat gtcttgg 267

<210> 1062
 <211> 603
 <212> DNA

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<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 1062

ctggtcatct	tgatcatgtga	agaccatctt	cctacagagt	ctaggctggc	cgtcgttgaa	60
gtcctcacca	gtactacacc	acttttcctc	accaaccccc	atcctattct	tgagttgcag	120
gatacacttg	ctctctggaa	gtgtgtcctt	acccttctgc	agagtgagga	gcaagctggt	180
agagatgcag	ccacggaaac	cgtgacaact	gccatgtcac	aagaaaatac	ctgccagtca	240
acagagtttg	ccttctgcc	ggtggatgcc	tccatcgctc	tggccctggc	cctggccgctc	300
ctgtgtgatc	tgctccagca	gtgggaccag	ttggccctgt	gactgcccac	cctgctggga	360
tggctgttgg	gagagagtga	tgacctcggt	gcctgtgtgg	agagcatgca	tcaggtggaa	420
gaagactacc	tgtttgaaaa	agcagaagtc	aacttttggg	ccgagaccct	gatctttgtg	480
aaatacctct	gcaagcacct	cttctgtctc	ctctcaaaag	tccggctggc	gtncccaag	540
ccctgagatg	ctctgtcacc	ttcaaaggat	ggtgtcagag	cagtgccacc	tnctgtctca	600
ggt						603

<210> 1063

<211> 222

<212> DNA

<213> Homo sapien

<400> 1063

ccatcggtga	tcactgagat	gcagtggcgg	tccccgtagc	tggcccggtg	catgccaccc	60
tgggaagatg	tgaagggcaa	cccctgccta	gtggtcagcc	ggaggattct	ggtaatcgct	120
ttgcaaggaa	agggaccgta	aggcacgagg	ctgcggaggg	gctctgggtg	ctgggcttcg	180
ctggacacgg	gccactggca	gtagctgccg	tcagagtgc	ag		222

<210> 1064

<211> 72

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(72)

<223> n = A,T,C or G

<400> 1064

gatgatcaat	atnnactgga	acacatgcat	gcttttggaa	tgtataatta	cctgcactgt	60
gattcatggt	at					72

<210> 1065

<211> 251

<212> DNA

<213> Homo sapien

<400> 1065

gtggccgtga	tggatagcga	caccacaggc	aagctgggct	ttgaggaatt	caagtacttg	60
tggaaaca	tcaaaagggtg	gcaggccata	tacaaacagt	tcgacactga	ccgatcaggg	120
accatttgca	gtagtgaact	cccagggtgcc	tttgaggcag	cagggttcca	cctgaatgag	180

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catctctata acatgatcat ccgacgctac tcagatgaaa gtgggaacat ggattttgac 240
aacttcatca g 251

<210> 1066
<211> 289
<212> DNA
<213> Homo sapien

<400> 1066
ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccaggtggaa 60
tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattgtt 120
ctggttgcct atagtgtctt gggatccac cgagaagaac catgggtgga cccgaactcc 180
ccagtgtctt tggaggacc agtcctttgt gccttggcaa aaaagcacia gcgaacccca 240
gccctgattg ccctgcgcta ccagctacag cgtgggggtg tggctcctgg 289

<210> 1067
<211> 301
<212> DNA
<213> Homo sapien

<400> 1067
ctgtagttga ctgaagtcgc taaacaggac ggatttaagt agaggtgata tgtccagtca 60
ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
caaagctctc catgttaata ttcattctgaa tatggataat taggggtggt agcaaaacta 180
tcaactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctccgca 240
gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
g 301

<210> 1068
<211> 255
<212> DNA
<213> Homo sapien

<400> 1068
ccagcagttc ctctttgcct tatatttgtg gtacgcccgg ccagccttca agatggggtt 60
gtcaattcgg ccacctccag ccaccacacc aaccacagct ctggtggctg aggagataac 120
cttcttggag ccggagggca gcttcacacg ggtcttcttg gtctcagggt tgtgggagat 180
aacggtggca tagttccctg atgcccgggc cagcttgcca cggctctccag gcttctcctc 240
caggcagcac acgat 255

<210> 1069
<211> 77
<212> DNA
<213> Homo sapien

<400> 1069
ctggacaggc tccagcaccg gcccaaacac gccagacct cggcaggcac cacctggttc 60
tcccaccag aaagttc 77

<210> 1070
<211> 163
<212> DNA
<213> Homo sapien

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<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 1070
 ctgctgggat gncgtgccaag tttttcagcc ataaggtagc gaaatctagc agaatccaga 60
 ttacatccac ttccaatcac gcggtgtttg ggtaatccac ctagtttnna ggtaacatac 120
 gtaagaatgt ccaactgngtt ggaaacnca attatgatgc aat 163

<210> 1071
 <211> 246
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

<400> 1071
 ctgaccggac cggncatgcc cgtccggaac gtctataaga aggagaaagc tcgagtcac 60
 actgaggaag agaagaattt caaagccttc gctagtctcc gtatggcccg tgccaacgcc 120
 cggctcttcg gcatacgggc aaaaagagcc aaggaagccg cagaacagga tgttgaaaag 180
 aaaaaataaa gccctcctgg ggacttggaa tcagtcggca gacaaaaaaa aaaaaaaaaa 240
 aacaaa 246

<210> 1072
 <211> 224
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 1072
 ctgccctgac agagcgctcc ttgatgggca tggactggaa aggatcccag gaatacaaga 60
 aggcagaaaa aaaagtttgg aagatcttta aatctgacag tgaagtggct gggtacatcc 120
 ggcaagcggg tgacttccat cangtaatta ttcgaggtgg aggacatatt ttaccctatg 180
 accagcctct gagagctttt gacatgatta atcgattcat ttat 224

<210> 1073
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 1073
 ctgtagttag ctgaagtcgc taaacaggac ggatttaagt agaggtgata tgtccagtca 60
 ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
 caaagctctc catgttaata ttcacttgaa tatggataat taggggtggct agcaaaaacta 180
 tcaactgtta aatagtggag atttctgtct aggccatcta tggctttcat gtcctctgca 240
 gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300

09849626 050301
 T0E050 92964860

g

301

<210> 1074
 <211> 132
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 1074
 caagcttttt tttttttttt tttttttttt ttcgctcaaa nactttnttt tattantaca 60
 tgggctggna ttgatggnaa gggacaaatg tanttggcaa ccatgggttag catcggatgc 120
 ccatcccaat gg 132

<210> 1075
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 1075
 ctgtagttga ctgaagtcgc taaacaggac ggattttaagt agaggtgata tgtccagtca 60
 ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcagg 120
 caaagctctc catgtttaata ttcattctgaa tatggataat taggggtggct agcaaaaacta 180
 tcactgttaa aatagtggag atttctgtct aggccatcta tggctttcat gtcctctgca 240
 gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
 g 301

<210> 1076
 <211> 436
 <212> DNA
 <213> Homo sapien

<400> 1076
 ctgctgggat gaatgccaaag tttttcagcc ataaggtagc gaaatctagc agaatccaga 60
 ttacatccac ttccaatcac gcggtgtttg ggtaatccac ctagttttcca ggtaacatac 120
 gtaagaatgt ccactgggtt ggaaaccaca attatgatgc aatcaggact gtacttgacg 180
 atctgaggaa taatgaattt gaagacatta acatttctct gcaccagatt gagccgactc 240
 tccccttctt gctgacggac tcctgcagtt actactaaa tcttagaatt ggcggtcaca 300
 gaataatctt tatctgccac aatttttaggt gtctgaagaa ataagctccc atgctgcaga 360
 tccatcattt ctcctttaag cttatcttcc aaaacatcca caagagcaag ttcacacagc 420
 agagactttc ccagaa 436

<210> 1077
 <211> 256
 <212> DNA
 <213> Homo sapien

<400> 1077
 ctgaagatta ataggaaaca gtgaaaaagc aacgtcctgt gatcagtaac tttaaagaca 60
 agcttggttc tctctttctg gcactactga cattcccacc attctagctt ccgaattctg 120
 gaaaaagaga agatgattaa caaaaataga gaatgtagaa acttctgggt ttgtgcctac 180

09649626.050301

```
<210> 1078
<211> 202
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G
```

```
<400> 1078
ctgtgctncn caaccagatc catgtnaagt gccccgccca gagaagggag ccaggggggag      60
ctgactncag ncaacancca gtgnccgat  gancaccaac atgtgagggg tgaaccttg      120
cctccangac atntgcaccc cctncccacc tccacggacc tcggacctcc aggcgggtca      180
gtgctgcttg cggcccagct aa                                     202
```

```
<210> 1079
<211> 170
<212> DNA
<213> Homo sapien
```

```
<400> 1079
gcgcttctcg ggcaccgtca ggcttaagtc cactccccgc cctaagttct ctgtgtgtgt      60
cctggggggac cagcagcact gtgacgaggc taaggccgtg gatatcccc acatggacat      120
cgaggcgctg aaaaaactca acaagaataa aaaactggtc aagaagctgg      170
```

```
<210> 1080
<211> 494
<212> DNA
<213> Homo sapien
```

<400> 1080						
cctgcggcaa	agagatgcgc	ttattgagaa	acatggctta	gttataatcc	ccgatggcac	60
tcccaatggt	gatgtcagtc	atgaaccagt	ggctggagcc	atcactgttg	tgtctcagga	120
agctgctcag	gtcttgaggt	cagcaggaga	agggccatta	gatgtaaggc	tacgaaaact	180
tgctggagag	aaggaagaac	tactgtcaca	gattagaaaa	ctgaagcttc	agttagagga	240
ggaacgacag	aaatgctcca	ggaatgatgg	cacagtgggt	gacctggcag	gactgcagaa	300
tggtcagac	ttgcagttca	tcgaaatgca	gagagatgcc	aatagacaaa	ttagcgaata	360
caaatttaag	ctttcaaaag	cagaacagga	tataactacc	ttggagcaaa	gtattagccg	420
gcttgaggga	caggttctga	gatataaaac	tgctgctgag	aatgctgagg	aaagttgaag	480
atgaattgaa	agca					494

```
<210> 1081
<211> 123
<212> DNA
<213> Homo sapien
```

```
<400> 1081
ctgctgctat taagttgcaa gctctacagc tagctacatg actgatggat cagtttgaga      60
tttgttccct tgtcaaaagt ttaactctga tagaaggttg gcctcacatt ctgatgtttg      120
gac                                          123
```


<210> 1082
 <211> 297
 <212> DNA
 <213> Homo sapien

<400> 1082
 cctgcacttg aacatggcctt tggttttaag caacttctct accctgaccc tctctctggg 60
 acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccgt 120
 caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
 caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
 tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297

<210> 1083
 <211> 452
 <212> DNA
 <213> Homo sapien

<400> 1083
 ctgggccacg aggacaccac cagcttggat cggcctcgcc gtgtggaata ctttgtagat 60
 aagcaactcc aagtaaaggc tgtcacctgt gggccgtgga acacctacgt gtatgctgtg 120
 gagaaaggga agagctgaca tgtgtacgta tatgtatatg caacacctgt gagaccccca 180
 ttcaggtcaa ggaaaacat tgcctgcacc ccaaggggccc catatttgcc cctccccatc 240
 acagtctctg ccttcaccct caagcacggt cctaaacttg tctgcacttt agaaacacct 300
 ggagagcatt gaaaactctg ctgcctaagg tcagcatcaa tcaaaacaat gaaatcaatg 360
 aaacaatgaa accagagctt ctagggtgtg ggcctggata gtggtagatt caaagctcca 420
 cccacctcat cccaggtaca tttgatgtgc ag 452

<210> 1084
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 1084
 ctgtagttga ctgaagtcgc taaacaggac ggattttaagt agaggtgata tgtccagtca 60
 ccggcataga gacgtcctct gcgtcaccat ccacacacag ggcttctggt agacatcggg 120
 caaagctctc catgttaata ttcatctgaa tatggataat taggggtggct agcaaaaacta 180
 tcaactgttaa aatagtgagg atttctgtct aggccatcta tggctttcat gtcctctgca 240
 gtcaactgga actcaaaaac ctgcacgttc tgtctgatgc gctgctcatt gtagctcttg 300
 g 301

<210> 1085
 <211> 369
 <212> DNA
 <213> Homo sapien

<400> 1085
 ctgtttccca tggggccacca ggcggctcag gacagcaaac gtctcatccc ctctcaggat 60
 gtacttctcc atgtcctgct cgatccactg gtacatgagg cccttcacat gcacgtctcg 120
 gatggcgctc gtcacgtcct tgtagagatg tgcttgggtca aactccaggc tgtggcccag 180
 aaagtagtcc accacacagg acagcagagc catctccggt agcgagaaga tgtccatgaa 240
 ctgcttaatg gagggaccct tgccatagaa gccactcatc tgggtatagtg ggatgtgtgtg 300
 ggtaccccca tacagctcaa tcacctctc gtctggcaca ggctggaggc ccctgtaggc 360
 tgtcccccag 369

<210> 1086
 <211> 316
 <212> DNA
 <213> Homo sapien

<400> 1086
 cctcagaggt ttctccacag tcctcttctg ggcaaattct tgtttcttca catgccggac 60
 tagcttaaga ccaatgcagt agcttatttc caagccttgc aaagtatata atatctaaga 120
 ggaaagggtt tgtcatccca gcgttgtcca ctttgtgggg cttttagagt agacggagcc 180
 aactacagg cagggatga gcagaggat gtatggagt tgggtgactc tgagcctcac 240
 tgccgtgca aggtggggaa actgtaagt aaccctgtg ggtgcggggg agggatatccg 300
 gtgcgcaggg aggtgg 316

<210> 1087
 <211> 329
 <212> DNA
 <213> Homo sapien

<400> 1087
 cctgcagggg atgggacctt ccagaagtgg gcgtctgtgg tggcgcttc tggacaggag 60
 cagagataca cctgccatgt gcagcatgag ggtctgcca agccctcac cctgagatgg 120
 gagccgtctt cccagccac catcccatc gtgggcatca ttgctggcct ggttctcttt 180
 ggagctgtga tcgctggagc tgtggtcgct gctgtgatgt ggaggaggaa gagctcagat 240
 agaaaaggag ggagctactc tcaggctgca agcagtgaca gtgcccaggg ctctgatatg 300
 tctccacag cttgtaaagt gtgagacag 329

<210> 1088
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 1088
 ccactcactg ctgggaccca ggcacctccc ttctccatcc tctctggatt gtcagtaatg 60
 tcctggaaca gaagcctgtg ggatggcctt gggcacggag aagccctggg gtcagtgtcg 120
 tgcacggatg gcggcagtgt tgaacccagg aggtgaacc cggcccacca cggaagatga 180
 gtgcatggca accgcctgcc ttcaogtcgc tccaattggt aacccaagg tctgggctgt 240
 tctaggtatt gcttcacgtg cccagcaag cccttaacaa gagggcctgg ttccctgaag 300
 aaccaatccc aggaaggggc cttgatccct ccgccttgct ga 342

<210> 1089
 <211> 51
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(51)
 <223> n = A,T,C or G

<400> 1089
 ccttggttc agtctcncg ctcttcttgc cactgttgag ggtggagatg t 51

<210> 1090

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<211> 515
 <212> DNA
 <213> Homo sapien

<400> 1090
 cctggggagg ccctagggga gcaccgtgat ggagaggaca gagcaggggc tccagcacct 60
 tctttctgga ctggcggttca cctccctgct cagtgccttg gctccacggg caggggtcag 120
 agcactccct aatttatgtg ctatataaat acgtcagatg tacatagaga tctatTTTTT 180
 ctaaaacatt cccctcccca ctctctctcc acagagtgtg ggactgttcc aggccctcca 240
 gtgggctgat gctgggaccc ttaggatggg gctcccagct cctttctcct gtgaatggag 300
 gcagagacct ccaataaagt gccttctggg ctttttctaa cctttgtctt agctacctgt 360
 gtactgaaat ttgggccttt ggatcgaata tggccaagag gttggagggg aggaaaatga 420
 aggtctacca ggctgagggt gagggcaaag gctgacgaag agggaaagt acagatttcc 480
 tgtagcaggt gtgggcttac agacacatgg actgg 515

<210> 1091
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 1091
 gcgtcccga gccacgggtg gtcattggctg ccagagcgct ctgcatgctg gggctggctc 60
 tggccttgct gtctccagc tctgtgagg agtacgtggg cctgtctgca aaccagtgtg 120
 ccgtgccagc caaggacagg gtggactgag gctaccccca tgtcaccccc aaggagtgca 180
 acaaccggg ctgctgcttt gactccagga tccctggagt gccttgggtg ttcaagcccc 240
 tgcaggaagc agaatgcacc ttctgaggca cctccag 277

<210> 1092
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 1092
 cctgggcccc ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
 ttatttactg agatggagtc ttgctctgtc acccaggctg gactgcagtg gtgcaatctc 120
 ggctcactgc aacctctgcc tctgggctg cagtgattct cctgcgttca agtaattctc 180
 ctgctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
 tttgtatttt tagtagaaat ggggtttcac catgttggcg aggtgtgtct cgaactcctg 300
 acctcaagga tctcctgcc tcggcctcct aagggtgctg gattgcaggt gtgagccacc 360
 acgtctgg 368

<210> 1093
 <211> 459
 <212> DNA
 <213> Homo sapien

<400> 1093
 ctgtgcatgg agccatttgg atggcgggcg gcgggggggg attctctgta tcaggagtga 60
 ctttgttgcc ccacacagcc tctgtctgca ggtgctttgg aaagagatgc tgccttggag 120
 ctggtgaatc tgtggaccac attcaagggt gtggcacagg catcttccca tctttttcac 180
 tccgaatcgc tggcgacaca ttctccttcc cagctaggaa aggttctctc ggggtgtgtt 240
 tagattgtgg ttgtttgttt tgcttctact aagactgttt tgtttcaaaa aggaacaag 300
 ttttgtgttt gctgtctacg ctggagtctt gaactgtggg tagaaaacac gacctggctt 360
 tgtagaaagg acacagggct gttttatgaa ctaagcgggt aggtcaggt ggcggctctc 420

459

$\langle 211 \rangle$ 610

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (610)$

<223> n = A, T, C or G

<400> 1094

ccatgcaaaa	ggaggtggtg	cactcagtc	agtcgctgcc	acaaaaagtc	cgattatttt	60
cattggtaca	ggggaacata	tagatgactt	tgaacctttc	aaaacacagc	cttttattag	120
caaaacttctt	ggtatgggcg	acattgaagg	actgatagat	aaagtcaacg	agttgaagtt	180
ggatgacaat	gaagcactta	tagagaagtt	gaaacatggt	cagtttacgt	tgcgagacat	240
gtatgagcaa	tttcaaaata	tcatgaaaat	gggcccttc	agtcagatct	tggggatgat	300
ccctggtttt	gggacagatt	ttatgagcaa	aggaaatgaa	caggagtcaa	tggcaaggct	360
aaagaaatta	atgacaataa	tggatagtat	gaatgatcaa	gaactagaca	gtacggatgg	420
tgccaaagtt	tttagtaaac	aaccaggaag	aatccaaaga	gtagcaagag	gatcgggtgt	480
atcaacaaga	gatgttcgag	aacttttgac	acaatatacc	aagtttgcac	agatggtaaa	540
aaagatggga	ggtatcaaag	gacttttcaa	aggtgggcga	catgtctaan	aatgtgagcc	600
agtcacagat						610

<210> 1095

$\langle 211 \rangle$ 232

<212> DNA

<213> Homo sapien

<400> 1095

ccttattttct	ottgtcccttt	cgtacagggga	ggaattttgaa	gtagatagaa	accgacctgg	60
attactccgg	tctgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120
atagcggctg	caccatcggg	atgtcctgat	ccaacatcga	ggtcgtaaac	cctattgttg	180
atatggactc	tagaatagga	ttgcgctgtt	atccctaggg	taacttgttc	cq	232

<210> 1096

<211> 377

<212> DNA

<213> Homo sapien

<400> 1096

ccacgctcat	ggaaccacc	caaggacagc	cagagtccac	attccctggc	aagctgggtg	60
tattcttcca	aaagtttccc	accagtggt	tcagacaggt	gtagcgtctc	tgcagggtcc	120
cgtgcaatga	agtcaaatgc	ctcaggcagg	aaagccaggc	aggcaccag	tctggcagcc	180
tctcgaacca	gcccagcaca	tgttttaaa	ttctgttgct	tgtctggcgt	cgatgttacc	240
tggcacacag	ccaccagggg	cagttcgcag	gaggaagagg	agatagccat	ggctctgggc	300
ctgggctgag	cacaaagtac	tgagagttga	ggtatccgga	gtccaggaca	cagaaggga	360
aggaatctgt	gaggagg					377

<210> 1097

$\langle 211 \rangle$ 311

<212> DNA

<213> Homo sapien

<400> 1097
 ccacgccatg gggctggagc actcccaaga ccctggggcc ctgatggcac ccatttacac 60
 ctacaccaag aacttcgctc tgtcccagga tgacatcaag ggcattcagg agctctatgg 120
 ggcctctcct gacattgacc ttggcaccgg cccaccccc acactggggc ctgtcactcc 180
 tgagatctgc aaacaggaca ttgtatttga tggcatcgct cagatccgtg gtgagatctt 240
 cttcttcaag gaccggttca tttggcggac tgtgacgcca cgtgacaagc ccatggggcc 300
 cctgctggtg g 311

<210> 1098
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 1098
 ccacccacgc ttaggttccc atcacactga tgactccggg tttggcgagc acaggagcgc 60
 aaaccttttc acattctttc tgtgatccaa atttgtttcc gtttccacca caacctccat 120
 accagaatct tgcacagctt ttggtgtttg gatcatagta ccattttaat atgaaatccc 180
 tgcaagttcc ttcgtctttc ggcaacttgc atatatctgt ttcagtgaga gccaatgggt 240
 ctgtgctcac cattagattg atggttgaac tagaagctga ccttgctggc tgtggagggt 300
 ggggctgaga tttcttttga ctgaaacttc cgtggtaggt ggctctgacc tgagacctca 360
 ggtagcagac cacagccaca tggtatgtct gcccagcgag cagg 404

<210> 1099
 <211> 442
 <212> DNA
 <213> Homo sapien

<400> 1099
 ccatgggatg gctcttctga ccattggggg ccaggccagg ccaggccagg cttagggtag 60
 caaggaccag gccaaagggg cagggcctcc tttggagggg ttgaggggta catcctcggc 120
 tgggtgtttgc atccaggggt ccagcaggat ctcttcaggt gagggtcggg aagaaggttt 180
 gggggccagg caccggcgga ttagggcaca gcagtctggg gagacatggg ctgggaagtg 240
 gagctcagct tccagaatct cctggtccct ctcaaaggga atgtccccc acaccatgtc 300
 atagaggagg atgccagtg accagacagt ggccgggagt gcatggtact ggtgtcgaga 360
 gatccactct ggggggctgt acacccttgt cccatcaaag tcagtgtagg gttcatcatg 420
 aagcagggca ccaggaacca aa 442

<210> 1100
 <211> 191
 <212> DNA
 <213> Homo sapien

<400> 1100
 ccacgaaaat caatgagaag ccacaggtga tcgcggacta tgagagcgga cgggccatac 60
 ccaataacca ggtgcttggc aaaatcgagc gggccattgg cctcaagctc cggggaaagg 120
 acattggaaa gcccatcgag aaggggccta gggcgaaatg aacacaaagc ctcgaaatca 180
 gtgcgctcca g 191

<210> 1101
 <211> 178
 <212> DNA
 <213> Homo sapien

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<400> 1101
 cgggtacttt ggtggacatg aaggaactgg gcatatggga gccattggct gtgaagctgc 60
 agacttataa gacagcagtg gagacggcag ttctgctact gcgaattgat gacatcgttt 120
 caggccacaa aaagaaaggc gatgaccaga gccggcaagg cggggctcct gatgctgg 178

<210> 1102
 <211> 209
 <212> DNA
 <213> Homo sapien

<400> 1102
 agccaggcta gtgacagaaa tggattcgaa atatcagtgt gtgaagctga atgatgggtca 60
 cttcatgcct gtccctgggat ttggcaccta tgcgcctgca gaggttccta aaagtaaagc 120
 tttagaggcc accaaattgg caattgaagc tggcttccgc catattgatt ctgctcattt 180
 atacaataat gaggagcagg ttggactgg 209

<210> 1103
 <211> 396
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 1103
 ctatagggct cgagggccgc ccgggcaggt ggtgcctcta atactgggtga tgctagaggt 60
 gatgtttttg gtaaacaggc ggggtaagat ttgccgagtt ctttttactt tttttaacct 120
 ttccttatga gcatgcctgt gttgggttga cagtgggggt aataatgact tgttggttga 180
 ttgtagatat tgggctgtta attgtcagtt cagcgtttta atctgacgca ggcttatgca 240
 gaggagaatg ttttcatggt acttatacta acattagttc ttctataggg tgatagattg 300
 gtccaattgg gtgtgaggag ttcagttata tgtttgggat tttttaggta ntgggtgttg 360
 agcttgaacg ctttcttaat tggtaggctgc tttagg 396

<210> 1104
 <211> 342
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1104
 ctgctgatac ccaggcagta gctgatgctg tcacctacca gctcggtttc cacagcattg 60
 aactgaatga gcctccactg gtccacacag cagccagcct ctttaaggag atgtgttacc 120
 gataccggga agacctgatg gcgggaatca tcatcgcagg ctgggaccct caagaaggag 180
 ggcagggtgta ctcagtgctt atggggggta tgatggtaag gcantncttt gccattggag 240
 gctccgggag ctctacatc tatggctatg ttgatgctac ctaccgggaa ggcatgacca 300
 angaagagtg tctgcaattc actgccaatg ctctcgcttt gg 342

<210> 1105

<211> 551
 <212> DNA
 <213> Homo sapien

<400> 1105
 ctggggccac tgtcggcatc atgattggag tgctggttgg ggttgctctg atatagcagc 60
 cctggtgtag tttcttcatt tcaggaagac tgacagttgt tttgcttctt ccttaaagca 120
 tttgcaacag ctacagtcta aaattgcttc tttaccaagg atatttacgg aaaagactct 180
 gaccagagat cgagaccatc ctagccaaca tcgtgaaacc ccatctctac taaaaatata 240
 gaaattagct ggacatggtg gcatgtgcct gtaatcccag ctactcagga ggctgaggca 300
 ggagaactgc ttgaacaggg acccgggagg cggagattgg agtgagccga gatcgcgcca 360
 ctgcactcca gtctgggcta cacagtgaga ctctgtctca agaaaaataa acagaagaat 420
 tggggggttg ggggtgggaaa cagtgtttcc aggcagagag aacagcacgt acaaaggaga 480
 ctggttgggag ggtaaataa aataattcat gtaaggtagt tagtaccaca catgaatttc 540
 acaagcagca g 551

<210> 1106
 <211> 280
 <212> DNA
 <213> Homo sapien

<400> 1106
 ctgctcttca cacagggttc tggggaaaac aaggaagaga tcatcaatta tgaatttgac 60
 accaaggacc tgggtgtgcct gggcctgagc agcatcgttg gcgtctggta cctgctgagg 120
 aagcactgga ttgccaacaa cctttttggc ctggccttct cccttaatgg agtagggctc 180
 ctgcacctca acaatgtcag cactggctgc atcctgctgg gcggactctt catctacgat 240
 gtcttctggtg tatttggcac caatgtgatg gtgacagtgg 280

<210> 1107
 <211> 570
 <212> DNA
 <213> Homo sapien

<400> 1107
 ctgattagtg tctaaggaat ggtccaatac tgttgccctt ttccttgact attacactgc 60
 ctggaggata gcagagaagc ctgtctgtac ttcattcaaa aagccaaaat agagagtata 120
 cagtcctaga gaattcctct atttgttcag atctcataga tgacccccag gtattgtctt 180
 ttgacatcca gcagtccaag gtattgagac atattactgg aagtaagaaa tattactata 240
 attgagaact acagctttta agattgtact tttatcttaa aagggtggta gttttcccta 300
 aaatacttat tatgtaaggg tcattagaca aatgtcttga agtagacatg gaatttatga 360
 atggttcttt atcatttctc ttcccccttt ttggcatcct ggcttgctc cagttttagg 420
 tccttttagtt tgcttctgta agcaacggga acacctgctg agggggctct ttccctcatg 480
 tatacttcaa gtaagatcaa gaatcttttg tgaaattata gaaatttact atgtaaattgc 540
 ttgatggaat tttttcctgc tagtgtagct 570

<210> 1108
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 1108
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 ttacatcaaa taagcccaca gacaaactcc gtgccctgcc tctgtgggta tctttacaat 120
 acttgggact tgatgggttt gtggagagga tcaagcatgc ctgtcaactg agtcaacggt 180

tgcaaggaaag	tttgaagaaa	gtgaattaca	tcaaaatcctt	ggtggaagat	gagctcagct	240
ccccagtgg	ggtgttcaga	ttttccagg	aattaccagg	ctcagatccg	gtgtttaaag	300
ccgtcccagt	gccaacatg	acaccttcag	gagtcggccg	ggagaggcac	tcgtgtgacg	360
cgctgaatcg	ctggctggga	gaacag				386

<210> 1109
 <211> 409
 <212> DNA
 <213> Homo sapien

<400> 1109						
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tcacccgaaa	gcctggtgtc	tacacgaaag	tctgcaaata	tgtggactgg	atccaggaga	120
cgatgaagaa	caattagact	ggacccaccc	accacagccc	atcaccctcc	atttccactt	180
ggtgtttggt	tcctgttcac	tctgttaata	agaaacccta	agccaagacc	ctctacgaac	240
attctttggg	cctcctggac	tacaggagat	gctgtcactt	aataatcaac	ctgggggttcg	300
aatcagtga	gacctggatt	caaattctgc	cttgaaatat	tgtgactctg	ggaatgacaa	360
cacctggttt	gttctctggt	gtatccccag	ccccaaagac	agctcctgg		409

<210> 1110
 <211> 215
 <212> DNA
 <213> Homo sapien

<400> 1110						
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aatggagggg	gttgaggagg	tcccaggagg	ggcttatattg	agggcctttg	ccacttgctc	120
ataggcgagc	tcgatctcct	catcatctgg	acaggtggaa	gcgaattctt	cccgggcgta	180
ggcattgctc	aagtaccgat	gcactccccg	gaagg			215

<210> 1111
 <211> 308
 <212> DNA
 <213> Homo sapien

<400> 1111						
cctgggcccg	ctgacttcag	ggtgaggcca	cagctactgc	agcgcttttt	atattattat	60
ttatttactg	agatggagtc	ttgctctgtc	acccaggctg	gagtgcagtg	gtgcaatctc	120
ggctcactgc	aacctctgcc	tcctgggctg	cagtgattct	cctgcgttca	agtaattctc	180
ctgcctcggc	cttctgagta	gttgggatta	caggcatatg	ccaccacact	tggctaattt	240
tttgatattt	tagtagaaat	ggggtttcac	catgttggcg	aggctggtct	cgaactcctg	300
acctcaag						308

<210> 1112
 <211> 177
 <212> DNA
 <213> Homo sapien

<400> 1112						
ccactggctc	cctgggccag	ggcctcgggg	ccgcttgtgg	gatggcctac	accggcaa	60
acttcgacaa	ggccagctac	cgagtctatt	gcttgctggg	agacggggag	ctgtcagagg	120
gctctgtatg	ggaggccatg	gccttcgcca	gcatctataa	gctggacaac	cttgtgg	177

<210> 1113

<211> 646
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(646)
 <223> n = A,T,C or G

<400> 1113
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 gtcccaggtc accttgaagg agtctgggtcc tgtactgggtg aaaccacacag agaccctcac 120
 gctgacctgc accgtctctg ggttttcact cagtaataatt agagtgggtg tgagttggat 180
 ccgtcagccc ccagggaagg ccctggagtg gtttgcatac attttttcga ctgacgaaaa 240
 atccttcaat tcatctctga agaacaggct caccatctcc aaggacacct ctaaaagcca 300
 ggtgggtcctt agcatgacca acatggaccc tgtggacaca gccacatatt actgtgcacg 360
 gctctctatt tacttcgggg agttagaaac ctaccaatac atggacgtct ggggcaaagg 420
 gaccaccgcc accgtctcct cagcatcccc gaccagcccc aaggtcttcc cgctgagcct 480
 ctgcagcacc cagccagatg ggaacgtggt catcgccctgc ctggtccang gcttcttccc 540
 ccaggagcca ctcagtgtga cctggagcga aagcggacan ggcgtgaccg ccagaaactt 600
 cccacccag ccaggatgcc tncgggggacc tgtacaccac gagcag 646

<210> 1114
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 1114
 tgttggttta ctcacctaac ccttagaaaa tgaatgttag aaggtgcctg ccgaggcggg 60
 acagagtgtt cgctcgcgct ggagaaggct ctgctcagcc ctgagagtcc ctctctgccc 120
 caccgatact ggcactttaa aaaggaagct gaccgcacag tgtccagacg aattggcccc 180
 cagaagatgg ggagtctgt cctgccccttc tgtgtctgcg tgacctcacc cagcctagga 240
 gggaggtgca ttcagggtag atttgcctct cattcaaagt tctggggctt tgggtggaaa 300
 acagccagct ttggcgctgt tggggagact cctccagacc aggaacccca gaaggagaca 360
 gagcctgcca catcctccca cgccaggccc tggggccaggg tgattggact gagaatttgg 420

<210> 1115
 <211> 416
 <212> DNA
 <213> Homo sapien

<400> 1115
 ctgaaagttt ctaaaataga aacctggtgc atatggcccc aaaacaccac atgctttgat 60
 tacactcagg gagcatgagt tgccatattg ggtgagaaaa tcccatgtta cagtgcgatac 120
 gctgggcacg ttttgagta attccagcca ctgctatgta agtggtttta attcaggggt 180
 gtcttctacg ttttcatctt ctgaatatct tgtgacggtg caggtttgag caaaactggc 240
 atgaaatgag agctgtttta gatgaagatt gcaagatgga tggcttggcc cacagtggca 300
 gtgggttggg ggtggaatgt ggacaattag gaaaaaggca tgtcattcta tctggctcct 360
 ggagaggcag atagtcttgg gggctttggt gtcacagttc caaaagcaa gggttg 416

<210> 1116
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 1116

ccttatttct	cttgtccttt	cgtacagggg	ggaatttgaa	gtagatagaa	accgacctgg	60
attactccgg	tctgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120
atagcggtcg	caccatcggtg	atgtcctgat	ccaacatcga	ggtcgtaaac	cctattgttg	180
atatggactc	tagaatagga	ttgcgtgtgt	atccctaggg	taacttggtc	cggttggtcaa	240
gttattggat	caattgagta	tagtagttcg	ctttgactgg	tgaagtotta	gcatgtactg	300
ctcggagggt	gggttctgct	ccgagggtcgc	cccaaccgaa	aatttttaat	gcaggccttg	360
tagtttagga	cctgtgggtt	tg				382

<210> 1117

<211> 370

<212> DNA

<213> Homo sapien

<400> 1117

ctgcgtgtct	gaaaacaaaa	gatttaaaac	atagtaatta	ttgaacctca	gaagaaaaac	60
tcagattgaa	agagcttaga	ataagaccct	ttttgagttg	agaaagggtga	gtacttagat	120
ttttcatttg	ctttgtttgg	gattacttac	atcagtattt	tatgttgatc	agaaagaaag	180
gattcaatta	gctattgttc	ggttaataaa	aatgtcagcc	actgtaggag	taagttggat	240
gtccagcctt	tttagattgc	ttaaacttga	aacactggac	tgggagcggg	ggctcatgcc	300
tgtgatccca	gcactctggg	aggccaaggc	aggcagatca	ctggagggtca	ggagtttgag	360
accaacctgg						370

<210> 1118

<211> 494

<212> DNA

<213> Homo sapien

<400> 1118

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caagacgaga	agaccctatg	gagctttaat	ttattaatgc	aaacagtacc	tgacaaaccc	120
acaggtccta	aactaccaga	cctgcattaa	aaatttcggg	tggggcgacc	tcggagcaga	180
acccaacctc	cgagcagtag	atgctaagac	ttcaccagtc	aaagcgaact	actatactca	240
attgatccaa	taacttgacc	aacggaacaa	gttaccctag	ggataacagc	gcaatcctat	300
tctagagtcc	atatcaacaa	taggggtttac	gacctcgatg	ttggatcagg	acatcccgat	360
ggtgcagccg	ctattaaagg	ttcgttttgt	caacgattaa	agtcctacgt	gatctgagtt	420
cagaccggag	taatccaggt	cggtttctat	ctaacttcaa	ttcctccctg	tacgaaagga	480
caagagaaat	aagg					494

<210> 1119

<211> 407

<212> DNA

<213> Homo sapien

<400> 1119

ccttatgact	acaacggccc	acgagaaaaa	tatggaatcg	ttgattacat	gatcgagcag	60
tccgggcctc	cctccaagga	gattctgacc	ctgaagcagg	tccaggagtt	cctgaaggat	120
ggagagcatg	tcatcatcat	cgggggtctt	aagggggaga	gtgaccagc	ctaccagcaa	180
taccaggatg	ccgctaacaa	cctgagagaa	gattacaaat	ttcaccacac	tttcagcaca	240
gaaatagcaa	agttcttgaa	agtctcccag	gggcagtcgg	ttgtaatgca	gcctgagaaa	300
ttccagtcca	agtatgagcc	ccggagccac	atgatggacg	tccagggtc	caccaggagc	360
tcggccatca	aggacttctg	gctgaagtac	gccctgcccc	tggttg		407

T05050-050301

<210> 1120
 <211> 548
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 1120
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 aggtccatt ggaccaccag ggcctcgagg taacagaggt gaaagaggat ctgagggctc 120
 cccaggccac ccaggggcaac caggccctcc tggacctcct ggtgcccctg gtccttgctg 180
 tgggtggtgtt ggagccgctg ccattgctgg gattggaggt gaaaaagctg gcgggttttgc 240
 cccgtattat ggagatgaac caatggattt caaatcaac accgatgaga ttatggcttc 300
 actcaagtct gttaatggac aaatagaaag cctcattagt cctgatggtt ctcgtaaaaa 360
 cccagctaga aactgcagag acctgaaatt ctgccatcct gaactcaaga gtggagaata 420
 ctgggttgac cctaaccaag gatgcaaatt ggatgctatc aagggtattct gtaatatgga 480
 aactggggaa acatgcataa gtgccaatcc ttngaattgt ccacggaaac actggtggac 540
 agattcta 548

<210> 1121
 <211> 278
 <212> DNA
 <213> Homo sapien

<400> 1121
 cggccgaggt ccgccatggc gtgtgctcgc cactgatata cgggtgtactc cgaaaagggg 60
 gagtcattctg gcaaaaatgt cactttgcct gctgtattca aggtcctat tcgaccagat 120
 attgtgaact ttgtttacac caacttgccg aaaaacaaca gacagcccta tgctgtcagt 180
 gaattagcag gtcacagac tagtgctgag tcttggggta ctggcagagc tgtggctcga 240
 attcccagag ttcgaggtgg tgggactcac cgctctgg 278

<210> 1122
 <211> 591
 <212> DNA
 <213> Homo sapien

<400> 1122
 ctgcagcggc agaggcagca tccagcggcg ggcagcagcag ttccagtcgg ttgctttact 60
 ttttgcttca ccgacatagt cattatgccg aagagaaagt ctccagagaa tacagagggc 120
 aaagatggat ccaaagtaac taacacaggag ccacaaagac ggtctgccag attgtcagcg 180
 aaacctgctc caccaaaacc tgaacccaaa ccaagaaaaa catctgctaa gaaagAACCT 240
 ggagcaaaga ttagcagagg tgctaaaggg aagaaggagg aaaagcagga agctggaaaag 300
 gaaggcacag aaaactgaat ctgtagataa cgaggagagaa tgaattgtca tgaaaaattg 360
 gggttgattt tatgtatctc ttgggacaac ttttaaaagc tatttttacc aagtattttg 420
 taaatgctaa ttttttagga ctctactagt tggcatatca aaatatataa ggatggacat 480
 tttatcgtct catagtcattg ctttttggaa atttaccatca tcctcaagta aaataaatat 540
 cagttaaata ttggaagctg tgtgtaagat tgattcagca ttccatgcac t 591

<210> 1123
 <211> 454
 <212> DNA

054966-0301

<213> Homo sapien

<400> 1123

ccaattgaaa	caaacagttc	tgagaccggt	cttccactac	tgattaagag	tggggtggca	60
ggtattagg	ataatattca	tttagccttc	tgagctttct	gggcagactt	ggtgaccttg	120
ccagctccag	cagccttctt	gtccactgct	ttgatgacac	ccaccgcaac	tgtctgtctc	180
atatcacgaa	cagcaaagcg	acccaaaggt	ggatagtctg	agaagctctc	aacacacatg	240
ggcttgccag	gaaccatata	aacaatggca	gcatacaccag	acttcaagaa	tttagggcca	300
tcttccagct	ttttaccaga	acggcgatca	atcttttctt	tcagctcagc	aaacttgcac	360
gcaatgtgag	ccgtgtggca	atccaatata	ggggcatagc	cggcgcttat	ttggcctgga	420
tggttcagga	taatcacctg	agcagtgaag	ccag			454

<210> 1124

<211> 219

<212> DNA

<213> Homo sapien

<400> 1124

cctgtctcag	agcacggctg	accattttctg	ctccgggata	tcagctcccg	ttccccaagc	60
acactcctag	ctgctccagt	ctcagcctgg	gcagcttccc	cctgcctttt	gcacgtttgc	120
atccccagca	tttctgagt	tataaggcca	caggagtggg	tagctgtttt	cacctaaagg	180
aaaagcccac	ccgaatcttg	tagaaatatt	caaactaat			219

<210> 1125

<211> 246

<212> DNA

<213> Homo sapien

<400> 1125

ccagagctgg	gccaagctg	cgctggaatc	gcagcaggag	aggggagtg	gctggttctt	60
cccaccactt	cccaggtctt	gacagccgag	actcatttcc	aaggcacagc	agctttctaa	120
agggactgag	tttgactgg	gttttgacc	tccaggggct	ggagcttcat	cacctgggca	180
gtgtcttttc	tcagagagca	ggtttcttta	tagtttgga	ataaatgggt	cacggttcaa	240
aagaaa						246

<210> 1126

<211> 227

<212> DNA

<213> Homo sapien

<400> 1126

ccattgttcc	cgtgcatcga	agcttgacag	cagcttcagg	tcctcggtaa	acataactct	60
ctggggtggc	ttgggcccac	ccaggaaggt	accacatagc	ctcttcaagt	agctcatgtc	120
cacgtttag	aagttgtggc	cggcctgcc	cgtggtattc	cgtttggtga	catagttgac	180
cagctcatcc	gacaggggat	ggaaagaggg	cctgctccgg	gcattgg		227

<210> 1127

<211> 377

<212> DNA

<213> Homo sapien

<400> 1127

cctgccgtcg	atgccaggga	ggccgacagg	accttctttt	ccagcggggc	cgatatttcc	60
aggggaacca	ggaagacctc	tgggtcccat	gagaccaggc	tcccaggggc	gaccagcatc	120

tccattaggt cctcggactc cagcagggcc acttgcacca cgactaccag gagggcccat 180
 gacgccagct ctgccatcag ctccaggaag accacgagaa ccaggactac ctctcagccc 240
 aggagggtcct ggagggccgg cagatccagc ttccccatta gggcctctct ttctctcttc 300
 accactggga ccaggaggac cttggggccc agcagagccg ggctcaccct tgttacogct 360
 ctctcctttg gagccag 377

<210> 1128
 <211> 253
 <212> DNA
 <213> Homo sapien

<400> 1128
 gagagctatt gctttgttaa gatataaaaa ggggtttctt tttgtctttc tgtaagggtg 60
 acttccagct tttgattgaa agtcctaggg tgattctatt tctgctgtga tttatctgct 120
 gaaagctcag ctgggggtgt gcaagctagg gacccattcc tgtgtaatac aatgtctgca 180
 ccaatgctaa taaagtccta ttctctttta tgagaaagaa aaagacactg tcctttaaag 240
 tgctgcagta tgg 253

<210> 1129
 <211> 314
 <212> DNA
 <213> Homo sapien

<400> 1129
 ccaagagcta caatgagcag cgcacacagc agaacgtgca ggtggttgaa ttccagttga 60
 cttcagagga gatgaaagcc atagatggcc taaacagaaa tgtgcatat ttgacccttg 120
 atatttttgc tggcccccca attatccatt ttctgatgaa tattaacatg gagggcattg 180
 catgaggctc accagaaggc cctgcgtgtg gatgggtgaca cagaggatgg ctctatgctg 240
 gtgactggac acatcgctc tggttaaate tctcctgctt ggtgatttca gcaagctaca 300
 gcaaagccca ttgg 314

<210> 1130
 <211> 239
 <212> DNA
 <213> Homo sapien

<400> 1130
 ccagtccaac ctgctcctca ttattgtata aatgagcaga atcaatatgg cggaagtcag 60
 cttcaattgc caatttggtg gcctctaaag ctttactttt aggaacctct gcaggcgcac 120
 aggtgccaaa tcccaggaca ggcataaggt gaccatcatt cagcttcaca cactgatatt 180
 tcgaatccat ttctgtcact agcctggcta gcaaatgttt cttcctccct cacaggcta 239

<210> 1131
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 1131
 aaggagtctt gcttatcaca atgaatgttc tcctgggcag cgttgtgatc tttgccacct 60
 tcgtgacttt atgcaatgca tcatgctatt tcatacctaa tgaggagatt ccaggagatt 120
 caaccaggaa atgcatggat ctcaaaggaa acaaacaccc aataaactcg gaggggcaga 180
 ctgacaactg tgagacatgc acttgctacg aaacagaaat ttcatgttgc acccttgttt 240
 ctacacctgt gggttatgac aaagacaact gccaaagaat cttcaagaag gaggactgca 300
 agtatatcgt ggtggagaag aaggacccaa aaaagacctg ttctgtcagt gaatggataa 360

tctaattgtgc ttctagtagg cacagggctc ccaggccagg ac

402

<210> 1132

<211> 304

<212> DNA

<213> Homo sapien

<400> 1132

ccaccccgga	gatgacacga	ggctcacatg	actctagaca	cttgggtggaa	agtgaggcga	60
gaaaaacaat	gacttgggcc	aattacacga	ctgcaaagct	agagctgcca	acagggtcc	120
agggagcttg	gcttctgtag	aagttctaag	gaagcggtag	gaactccacg	gcggtggggc	180
gctaactagc	agggaccctt	gcaagtgttg	gtcgggggcc	tcgagctgcc	tgagctgaca	240
cgaggggagg	ggtctgtgta	gccaacaggt	gaccgaagg	cttgctgcc	cacagcttac	300
ttgg						304

<210> 1133

<211> 224

<212> DNA

<213> Homo sapien

<400> 1133

ctgacatttt	ctatagtaga	tatggaggag	gtccaagact	aactgtgaaa	gccctgtgta	60
aggaatgtgt	agtagaacgt	tgctgcatat	tgctgtgaa	gaaccaacta	aatgaagatt	120
ataaaactgt	taataatctg	ctgaaagcag	cagtaaagg	cagcgatgga	ttttgggtgg	180
ggaagtcctc	cttgcgagg	tgccgccagc	tagctcttga	acag		224

<210> 1134

<211> 250

<212> DNA

<213> Homo sapien

<400> 1134

cctactctgc	tgagggtggc	cttctgtcta	agggcccttc	tctgcccttt	ctgccctcct	60
tcccatccca	catgctgagc	cgccacaaa	accaaagaag	tgatggcttt	tctctgtccc	120
ctgctgctct	gaggggagag	gggtgggtct	cctgagccac	tcagatggga	aagtcctta	180
ctcgccctc	ccctccccag	cagccccaag	ctttacactg	gatgcagcga	tcaaccacc	240
actcaccag						250

<210> 1135

<211> 315

<212> DNA

<213> Homo sapien

<400> 1135

ccaatgggct	ttgctgtagc	ttgctgaaat	caccaagcag	gagagattta	accagaggcg	60
atgtgtccag	tcaccagcat	agagccatcc	tctgtgtcac	catccacacg	cagggccttc	120
tgtagacct	catgcaatgc	cctccatgtt	aatattcatc	agaaaatgga	taattagggg	180
ggccagcaaa	aatatcaagg	gtcaaatac	gcacatttct	gtttaggcca	tctatggctt	240
tcatctcctc	tgaagtcaac	tggaattcaa	acacctgcac	gttccgtctg	atgcgctgct	300
cattgtagct	cttgg					315

<210> 1136

<211> 377

<212> DNA

09049626.050301

<213> Homo sapien

<400> 1136

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aggggaacca	ggaagacctc	tgggtcccat	gagaccaggc	tcccagggc	gaccagcatc	120
tccattaggt	cctcggactc	cagcagggcc	acttgcacca	cgactaccag	gagggcccat	180
gacgccagct	ctgccatcag	ctccaggaag	accacgagaa	ccaggactac	ctctcagccc	240
aggaggtcct	ggagggccgg	cagatccagc	ttccccatta	gggcctctct	ttccttcttc	300
accactggga	ccaggaggac	cttggggccc	agcagagccg	ggctcaccct	tgttaccgct	360
ctctcctttg	gagccag					377

<210> 1137

<211> 250

<212> DNA

<213> Homo sapien

<400> 1137

ctgttcaact	tccaactcta	aataggcacc	attaaacaaa	aaaccccagt	atttttaaatt	60
tctccagcac	acattccagg	atcaatgctc	tgaactgtaa	tcagctagta	attcataacg	120
ggaatacagc	cttagaatgg	aagctatatt	gcttccctgc	cccctttctc	ttacaattgg	180
agagtgtagg	tattaaggga	tacaaagtca	gaggaagaat	aattaaaaag	aaaaatgccc	240
aaagctgcag						250

<210> 1138

<211> 511

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(511)

<223> n = A,T,C or G

<400> 1138

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acctggccct	cagggtcctc	ctggaaagaa	tgggtgaaact	ggacctcagg	gacccccagg	180
gcctactggg	cctgggtggtg	acaaaggaga	cacaggaccc	cctgggtccac	aaggattaca	240
aggcttgctc	ggtacagggtg	gtcctccagg	agaaaatgga	aaacctgggg	aaccagggtcc	300
aaaggggtgat	gccggtgcac	ctggagctcc	aggaggcaag	ggtgatgctg	gtgcccctgg	360
tgaacgtgga	cctcctggat	tggcaggggc	cccaggactt	agaggtggag	ctggtccccc	420
tggtcccga	ngaggaaaag	gtgctgctgg	tcctcctggg	ccacctgggtg	ctgctggtac	480
tcctgggtctg	caaggaatgc	ctggagaaaag	a			511

<210> 1139

<211> 505

<212> DNA

<213> Homo sapien

<400> 1139

ctgtggactc	cagcatgttt	ctgataatta	tgcaagcaac	aattctgtag	cctcaagtaa	60
gaccacctgt	gaacttgatc	attatctggc	ccaaatatga	agataaacta	taactttgga	120
gtttgtttcc	tatttgtatt	cacattctgc	ttcctaaatc	agttttctaa	attgtgcctg	180
caattaggca	ttggtcaggg	gtgaatggct	cttttcacag	agagtagcca	accagagacc	240

09849626-050301

tttgccttga tatcatcaac tgcagagaat gctgttgatg ggaatgctgg aagcagaaac 300
 tttgtcatcg gaaaaacttt tcttgatgc atgagactca acatcaggat ccacagctta 360
 aagatgggaa ttcaggatg aaagaaaaca ggcaaggagg cactgaggga gaaagacaca 420
 gactttatcg ctctgtggct cattgttact ggaatattct aaaactcttg ttcacatgct 480
 attatgactt ataaagcagc aacag 505

<210> 1140
 <211> 256
 <212> DNA
 <213> Homo sapien

<400> 1140
 ctgtagcttc tgtgggactt ccactgctcg ggcgtcaggc tcaggtagct gctggccgcg 60
 tacttggtgt tgctctgttt ggagggtttg gtggtctcca ctcccgctt gacggggctg 120
 ccactgcct tccaggccac tgtcacagct cccgggtaga agtcaactgat cagacacact 180
 agtgtggcct tgttggttg gagctcctca gaggaggcg ggaacagagt gacagtggg 240
 ttggccttgg gctgac 256

<210> 1141
 <211> 371
 <212> DNA
 <213> Homo sapien

<400> 1141
 ccagggcccc attctgtctg tgggactgtg gggtctcagt ggaattgttg cttttcttgt 60
 cgtggagaaa tttgtgagac atgtgaaagg aggacatggt cacagtcag gacatggaca 120
 cgctcacagt catgcacgtg gaagtcagtg acatggaaga caagagcgtt ctaccaagga 180
 gaagcagagc tcagaggaag aagaaaagga aacaagaggg gttcagaaga ggcgaggagg 240
 gagcacagta cccaaagatg ggccagtgg acctcagaac gctgaagaag aaaaaagagg 300
 cttagacctg cgtgtgtcgg ggtacctgaa tctggctgct gacttggcac acaacttcac 360
 tgatggtctg g 371

<210> 1142
 <211> 312
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 1142
 cctcccacac tgtcaaagt caactccacc agcactgaga caatgagtag atgagaatgt 60
 agaaaaggagg aaggtggtag gtaaaggagc ggaaggaaga ggtgggaaa gaggggaagg 120
 ggtaggtaaa ggagcggagg gaagaggtgg ggaagaggagg aaggagagaa ggggaaggagg 180
 gaagagaaag aaggaagaaa aggaaagcat ggcccggcta gagacaaagc cagaggtgat 240
 caggtcagca gcaggagagg ctgagaaggg agcctctcgg gaagtgcagg cngccatgag 300
 ggtcgtttc ag 312

<210> 1143
 <211> 367
 <212> DNA
 <213> Homo sapien

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<400> 1143
 ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
 cttgaggtca ggagttcgag accagcctcg ccaacatggt gaaaccccat ttctactaaa 120
 atacaaaaaa ttagccaagt gtggtggcat atgcctgtaa tcccaactac tcagaaggcc 180
 gaggcaggag aattacttga acgcaggaga atcactgcag cccaggaggc agaggttgca 240
 gtgagccgag attgcaccac tgcactccag cctgggtgac tgagcaagac tccatctcag 300
 taaataaata aataaataaa aagcgctgca gtagctgtgg cctcaccctg aagtcagcgg 360
 gccagg 367

<210> 1144
 <211> 159
 <212> DNA
 <213> Homo sapien

<400> 1144
 cctggaggag cggccgcaca cacagccagg cgctaggctc cctgcgggac ctcgggaagg 60
 gggaagagcg tcaacgattt acggagggtc cagccgctgg gtcagattga gacaaacat 120
 tgtgtggttg ggttcgggtc agcaggctgg agaggggttc 159

<210> 1145
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 1145
 ccatgggtgt ctggagcacc ctgaaactgt atcaaagttg tacatatttc caaacatttt 60
 taaaatgaaa aggcaacttc gtgttctcct cactctgtgc actttgctgt tgggtgtgaca 120
 aggcatttaa agatgtttct ggcattttct ttttatttgt aagggtggtg taactatggt 180
 tattggctag aaatcctgag ttttcaactg tatatatcta tagtttgtaa aaagaacaaa 240
 acaaccgaga caaaccttg atgctccttg ctcggcggtg aggctgtggg gaagatgcct 300
 tttgggagag gctgtagctc agggcggtgca ctgtgaggct ggacctgttg actctgcagg 360
 gggcatccat ttagcttcag gttgtcttgt ttctgtatat agtgacatag cattctgctg 420
 ccatcttagc tgttgacaaa ggggggtcag 450

<210> 1146
 <211> 324
 <212> DNA
 <213> Homo sapien

<400> 1146
 ccatacaggg ctgttgccca ggccctagag gtcattcctc gtaccctgat ccagaactgt 60
 ggggccagca ccatccgtct acttacctcc cttcgggccca agcacacca ggagaactgt 120
 gagacctggg gtgtaaattg tgagacgggt actttggtgg acatgaagga actgggcata 180
 tgggagccat tggctgtgaa gctgcagact tataagacag cagtggagac ggcagttctg 240
 ctactgcgaa ttgatgacat cgtttcaggc cacaaaaaga aaggcgatga ccagagccgg 300
 caaggcgggg ctctctgatgc tgga 324

<210> 1147
 <211> 191
 <212> DNA
 <213> Homo sapien

<400> 1147

09049626-050301

ccacgaaaaat caatgagaag ccacaggtga tcgcggaacta tgagagcgga cgggccatac 60
 ccaataacca ggtgcttggc aaaatcgagc gggccattgg cctcaagctc cggggaaagg 120
 acattggaaa gcccatcgag aaggggccta gggcgaaatg aacacaaagc ctcgaaatca 180
 gtgtgctcca g 191

<210> 1148
 <211> 344
 <212> DNA
 <213> Homo sapien

<400> 1148
 ctgtccaatg acaacaggac cctcactcta ctgagtgtca caaggaatga tgtaggaccc 60
 tatgagtgtg gaatccagaa cgaattaagt gttgaccaca gcgacccagt catcctgaat 120
 gtcctctatg gccagacga cccaccatt tccccctcat acacctatta ccgtccaggg 180
 gtgaacctca gcctctcctg ccatgcagcc tctaaccacac ctgcacagta ttcttggtg 240
 attgatggga acatccagca acacacacaa gagctcttta tctccaacat cactgagaag 300
 aacagcggac tctatacctg ccaggccaat aactcagcca gtgg 344

<210> 1149
 <211> 329
 <212> DNA
 <213> Homo sapien

<400> 1149
 ctgacccact cactgggcgg gggcacaggc tctggaatgg gcactctcct tatcagcaag 60
 atccgagaag aataccctga tcgcatcatg aataccttca gtgtgggtgcc ttcacccaaa 120
 gtgtctgaca ccgtggtcga gccctacaat gccaccctct ccgtccatca gttggtagag 180
 aatactgatg agacctattg cattgacaac gaggcctct atgatattctg cttccgcact 240
 ctgaagctga ccacaccaac ctacggggat ctgaaccacc ttgtctcagc caccatgagt 300
 ggtgtcacca cctgcctccg tttccctgg 329

<210> 1150
 <211> 406
 <212> DNA
 <213> Homo sapien

<400> 1150
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 gtcaaacctt aatgccattg ttattgtgaa ttaggattaa gtagtaattt tcagaattca 120
 cattaacttg attttaaaat cagttttgtg agtcatttac cacaagctaa atgtgtacac 180
 tatgataaaa acaaccattg tattcctggt tttctaaaca gtcctaattt ctaaacactgt 240
 atatatcctt cgacatcaat gaactttggt ttcttttact ccagtaataa agtaggcaca 300
 gatctgtcca caacaaactt gccctctcat gccttgctc tcaccatgct ctgctccagg 360
 tcagccccct tttggcctgt ttgttttgtc aaaaacctaa tctgct 406

<210> 1151
 <211> 346
 <212> DNA
 <213> Homo sapien

<400> 1151
 ctgcgtgagt accaggagct gatgaacgtc aagctggccc tggacatcga gatcgccacc 60
 tacaggaagc tgctggaggg cgaggagagc cggctggagt ctgggatgca gaacatgagt 120
 attcatacga agaccaccag cggctatgca ggtggtctga gctcggccta tgggggcctc 180

acaagcccccgc gcctcagcta cagcctgggc tccagctttg gctctggcgc gggtccagc 240
 tccttcagcc gcaccagctc ctccagggcc gtgggtgtga agaagatcga gacacgtgat 300
 gggaagctgg tgtctgagtc ctctgacgtc ctgcccaagt gaacag 346

<210> 1152
 <211> 427
 <212> DNA
 <213> Homo sapien

<400> 1152
 ctggactgct gtacatcaag gacagattaa ctggaaaaca tatgttcctt atgcgtgac 60
 gagagccatt cagaaaagac ttcctttgtg ttcagcctat acttttccat atggtatacc 120
 ttgaaaaaaa ttagcacacc atggttattt ttctaccttt tataaaagac agagcctgtt 180
 tactcattta gaagatagag aaaattggtc taaaattgaa catcctagat tcacactccc 240
 aagtcactta aggtgatttg atggtgagga aaatgattga cagagcccaa caatgatctc 300
 aggaattaca ttttccaaca gacaaaaaaa tgttttcatg tagcagcaat gcagatttgg 360
 tgaatattta atatatattt tagtatgtat ttcactttat gactgacaat taaaaaatat 420
 tgtttgg 427

<210> 1153
 <211> 331
 <212> DNA
 <213> Homo sapien

<400> 1153
 ctggccggcg gtgcagatct ggagtccagc ctcagggatg cgctactttc cattctctgc 60
 attgaacatt cgttctgtca gcatccgctc cagcttcaact gcatcagcgg caaacttgcg 120
 gatcccgctca gagagcttct ccacagccat ctgggtcctcg ttgtgcaacc aacggaaaga 180
 cttctcatcc aggtggattt tttccagggtc actgggttgg gctgggggac aagaaccagc 240
 cttccatgcc tgctccatgt ccctgcccac cttggcccct tgggctcagg gcctgaaccg 300
 ctgcacccaa gcatctccca ccagggccag g 331

<210> 1154
 <211> 403
 <212> DNA
 <213> Homo sapien

<400> 1154
 ctgaactttc agatgaagtt gacttctact tgattgcagg attcagggtt tctcagatgt 60
 taatacagag tcaaaagcgg tggataaaac cttgcaaagt gcttgtgctt gttccaggct 120
 gttgcactga taaaccacaca ggctgtattc ctcatgtctt gcatctgtgg tcttcagagc 180
 cagtaagctt tttcccgcgc ccagaccgtc atcgtaacac accatccgga ttattaagta 240
 gagagcatgc ctgtgcaaaa catcatattg atctgatgtt gatactttta tgccatactt 300
 ggaaactccc ataataaatt cttcctccgg aggaacaaaa ggcaactttc catcttgctg 360
 ggcaacgtct atataattta tcagggtctaa tggcccttca agg 403

<210> 1155
 <211> 491
 <212> DNA
 <213> Homo sapien

<400> 1155
 cctccctctc agagcttgcc ccagggactc tctggccctc agggttcaat gtattctgac 60
 caaggccaag ctttctggg gctcaggga aatcacactt tgctaccga agctgtatcc 120

050301 0296450

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cctcagatgc caggaaggcc gtgatcatct gactccaccc tcctgagaca cattctctcc 180
ctgactgtcc tgttctaagt cagcggagca ccttaggatg gaggggtgga ggcgaggcca 240
gatgcagcct ctgtgaacag gtgcctggag gctgggaaat gaccctgaga ggcgaggaca 300
cagcaaccgt gggcttaagg tgaccttgag agcaagcttg gccacttta caattctgtt 360
cagagccagc ccctaacatg gtggtcattt attcatttgt tccctcattt taaaaaatgt 420
aaggccaggc atggtggctc acgccgggta atcccagcac tttgggaggc cgaggcaggc 480
agatcacctg a 491

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<210> 1156
<211> 586
<212> DNA
<213> Homo sapien

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<400> 1156
agcaaataga agcaatcagg gcactgcaag ttgtgactac tccaagatgt gaatcatgga 60
tcatgcaaat tacaatcatg ttttaacctg acctccaaag ggagaataaa gtaaaaaatta 120
tcccatgtga ggattattca ccagtttata tgtcattagt taccagtttt tctttatgaa 180
taatgtttag caatattata aagtatatct aatagttatc aggttttttg cttgttactt 240
tttggtagta acttataaaa ctgactggaa aagaccaata aggcactgtt tgcattgttac 300
aaattatata caaagaccaa aagctgttaa taagaaatct tccaataaaa ccacatcata 360
ttttcttttt tatttacacc cacatcagga ttacaacttt atcaggactg caccttgatc 420
aggaagggat gtttctctta caaggctaata aagaaaggaa caataaattt gctgatgaaa 480
aaagtcatgc atttaaaaat tttaacttta atttttaatt gagggcaata ttttaaagaa 540
atgctcatta gtcattcctt taaattgtgt gtgtgagaga gagaaa 586

```

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<210> 1157
<211> 392
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

```

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<400> 1157
cctccggctg gtgttctgag ggttgccagg ccatcgtaga cacaggcacc tctctgctca 60
ctgtgccccg gcagtacatg agtgctcttc tgcaggccac aggggcccag gaggatgagt 120
atggacagtt tctcgtgaac tgtaacagca ttcagaatct gccagcttg accttcatca 180
tcaatgggtg ggagttccct ctgccacctt cctcctatat cctcagtaac aacggctact 240
gcaccgtggg agtcgagccc acctacctgt cctcccagaa cggccagccc ctgtggatcc 300
tcggggatgt cttcctcagg tctactatt cctctacga cttgggcaac aacagagtag 360
gctttgccac tgnccgctag acttgctgnc tc 392

```

```

<210> 1158
<211> 375
<212> DNA
<213> Homo sapien

```

```

<400> 1158
gggaaaaata attttattcc tcaaatgata agcacattca gaagcaggac agaggagctc 60
tgatgacatc tctgggggac tcaaaaggcc cctcattttc tggatatttc ccaggtgatt 120
ctcttccaac ctgtgagtc tctctctttt cctcccatct gaagtttgag acatcctctg 180
ccacaaggaa agccaccaat accagcccaa agagccacca gagaggaacc aaaccacatg 240

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catcaagtta taggaaggat gcaagaaggg aaattaggaa ggaaagggag gagtttagtt 300
 ggcattcttg ggcattgctaa catgagggcg atgggtctctc tccaagtcgc tggacatatc 360
 ccttttcttt ccagg 375

<210> 1159
 <211> 361
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 1159
 gtttattgta aaaaacaaaa aactctgtat tgtgcacatg aagacctgga gatgtgccga 60
 cttcctgtcc ccaaagccaa tcttccccgc caaggcgact gaggatttca agggctcaga 120
 gttactgcag gaatccaggt gacaccagga agagaagggg gaggagggga atcggagggg 180
 atgggtttta aaggcagagg ggagggagat ggaagggaat gaggaggagg gagactgagg 240
 gggctgcctt tccttgggga ctgggggaact catgccctgc cccacccgc agggctccag 300
 ggggtgagaga aaggggtgga gaataaagaa ttgggcanca gggatgatggg gggaacagca 360
 g 361

<210> 1160
 <211> 142
 <212> DNA
 <213> Homo sapien

<400> 1160
 cgcaatgttg ccagtgtctg tctgcaggtt ggctacccaa ctgttgcatc agtaccccat 60
 tctatcatca acgggtacaa acgagtcctg gccttgctctg tggagacgga ttacaccttc 120
 ccacttgctg aaaaggtcaa gg 142

<210> 1161
 <211> 193
 <212> DNA
 <213> Homo sapien

<400> 1161
 ccaaagccta cgaccacctc ttcaagttgc tgctgatcgg ggactcgggg gtgggcaaga 60
 cttgtctgat cattcgcttt gcagaggaca acttcaacaa cacttacatc tccaccatcg 120
 gaattgattt caagatccgc actgtggata tagaggggaa gaagatcaaa ctacaagtct 180
 gggacacggc tgg 193

<210> 1162
 <211> 265
 <212> DNA
 <213> Homo sapien

<400> 1162
 cctgggtgcc acgattccca gcctggagcg cagccaggac gtgggagacc ttctcagaga 60
 ctctccgggc acactctatg agctccttct tgggtgtaggc atcactgggg ctgcactgca 120
 gggcgctgc cttggtgacc agagcggcac agccatggcc cagctcctgt acccggtgtt 180
 tgatatggga acctatctct tcatttttcag cagccaccgc tgcaggcttg gcctccgagg 240

050301 "92964850"

ccagacggcc atagtcactg gtcag

265

<210> 1163

<211> 337

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 1163

ctgcagagtg	ggganaggct	tttgccacta	gaaacttcca	ggatgcacga	gatcaaggaa	60
ttaagtctgt	aacaaaataa	caggatgctc	tgtgaagtcc	aaagaattgc	ttgaggcaaa	120
ctgcagagct	ccatgagatc	agcaacccca	agagctttta	caccgccgga	cacggtttaa	180
taggaaaaaa	atctcctata	ctgnntattc	anaaccaa	gaanagaaat	gtcaaaggag	240
tcggaacaa	tatgtcaa	tangtaaatt	ctgacctga	cccanatttt	gcnagaacatt	300
tgatcctaaa	ctgtgctgtc	cacgtcctta	ggatcac			337

<210> 1164

<211> 368

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(368)

<223> n = A,T,C or G

<400> 1164

ccagacgtgg	tggctcacac	ctgcaatccc	agcaccttag	gaggccgagg	caggaggatc	60
cttgaggtca	ggagttcgag	accagcctcg	ccaacatggt	gaaaccccat	ttctactaaa	120
aatacaaaaa	attagccaag	tgtggtggca	tatgcctgta	atcccaacta	ctcagaaggc	180
cgaggcagga	gaattacttg	aacgcaggag	aatcactgca	nccangagg	canaggttgc	240
antgagccga	gattgcacca	ctgcaactcca	gcctgggtga	cagagcaaga	ctccatctca	300
gtaaataaat	aaataaataa	aaagcgctgc	agtagctgtg	gcctcacctc	gaagtcagcg	360
ggcccagg						368

<210> 1165

<211> 267

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(267)

<223> n = A,T,C or G

<400> 1165

ctgggaagga	ggctcctcgg	ccttctcctg	tttgtcatcc	tcctcatcag	actcgacctc	60
catctcaact	tcctcactct	ccccaaactt	ttcatagcgc	tcctgaatga	ggattcgggc	120
cccagctcc	tctggcgtgg	tggggggagg	gaagttccct	tgctcattgg	gttggaagnc	180
cactgtttcc	accaccacaa	aatcatgcca	ntcnatctga	gcataggcca	cccgnctcct	240

TOE050"92964850

ctccttctcc nntttcttct tcttct

267

<210> 1166

<211> 433

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(433)

<223> n = A,T,C or G

<400> 1166

ctgtctgtac	acttttttctt	gggggaagag	ttcttgtctt	cagtttactg	cagtaggggt	60
cctggctctg	ttacatgctc	atgtgttccg	gaagaacaca	tgaaatatca	tcccacggat	120
gacgatacag	ccctgcttc	ancctcttct	gatcaagata	gtgtccaatg	aaccccatac	180
tccttcccag	cacaaagatg	ccattgaggg	ctccaatgtc	aatatattca	tcagcttctt	240
ccctgcaaca	cacatcaact	tgtagtttta	aaaggctcac	gtgactgccc	tcctccccac	300
agacagtact	actactgccc	aanaatgaga	agaaaagggg	tgctctgggt	ggtngcatta	360
caggcaattt	ttgttntctt	nnttatacct	ctccttattt	tncaaatntt	ctattatgag	420
tntgcattac	ttt					433

<210> 1167

<211> 362

<212> DNA

<213> Homo sapien

<400> 1167

cctctggctc	tttcttcagc	cacttctcca	gtcctgcag	gttctggtct	gagtagtcag	60
tgacgacgat	ctccttaaag	gattcacaag	cagagaggag	ctgatagata	gtggggccag	120
agccgatgtc	aatcagcagg	tctcccttca	caccgtctag	gcagaatata	ttgaaaagat	180
ttttcagaag	gtgcttaaga	atctggcttt	ctgcagagtg	cctagaacca	aacttgtaat	240
atttttctag	gtaatcccga	gggttaaaat	ggcttagata	gggtgccttg	gaggtgaagc	300
ctgattccat	tatgtctcac	ttccgtacca	ctggagcact	gccctccttc	tctttcctcc	360
ag						362

<210> 1168

<211> 459

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 1168

gcagtcatgg	ggcccaggac	catgcoactg	gccctgctcc	cccagccgca	gcctcacctg	60
caggtgctcc	tcgatgtcct	tgcggtcgta	ggtgatgcca	ctgggcgtga	tgacgggctc	120
ccgcatcagc	tcaaagctga	tcttgccaca	caggtagtcg	gggatgtctc	gcttctgtgg	180
cacaggggca	cacggtcaga	ggctgaaaag	gggcactgca	cgagcacctg	ccagccatcg	240
gcagcaagcg	acacacactc	accttctctt	tctcatccac	ctgagaaaaa	agctcgtcca	300
tgtccgccat	gtacttgtcc	tgtgaagagt	tgagtgtctg	gcttggggga	gacaccccac	360
ctccctcctn	catggggcac	anacccaaca	caaggcgggg	atgctnccac	gccacgtgca	420

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cacacacaga cccacatgtg ggtggggggc accctcacg

459

<210> 1169

<211> 386

<212> DNA

<213> Homo sapien

<400> 1169

ccaggccacc	tgtgcggggc	tcctcgatgt	ggaagggttcg	ggtgaggaga	ttgtagaagg	60
agccgtagca	cacggccacc	acagtgcacg	tgaggcagat	cacgctgtag	ggcatgctga	120
agtccggtgt	cggcaggttc	accagcagcg	gctccgtgta	gagccgcaca	aagtagttag	180
agccatcaga	gactgggaac	aggctgttga	agaggggact	ctcttcccag	tccactggct	240
tggctgctac	catgctgggc	acaagggcgc	tgaggacaga	tgggctgaca	tagaagccat	300
ggttaggatc	tggcgtgtac	tcggtccact	tcagcagcgc	ccgctcaaac	tggatggaaa	360
ccttggtgac	tgagttggcc	ggccag				386

<210> 1170

<211> 480

<212> DNA

<213> Homo sapien

<400> 1170

ctatttctct	gttagtggtt	aaccaaccat	ctgttctaaa	agaagggtctg	aactgatgga	60
aggaatgctg	ttagcctgag	actcaggaag	acaacttctg	cagggtcact	ccctggcttc	120
tggaggaaaag	agaaggaggg	cagtgtctca	gtggtacaga	agtgagacat	aatggaatca	180
ggcttcacct	ccaaggacac	ctatctaagc	cattttaacc	ctcgggatta	cctagaaaaa	240
tattacaagt	ttggttctag	gcaactctgca	gaaagccaga	ttcttaagca	ccttctgaaa	300
aatcttttca	agatattctg	cctagacggt	gtgaaggag	acctgctgat	tgacatcggc	360
tctggcccca	ctatctatca	gtcctctct	gcttgtgaat	cctttaagga	gatcgtcgtc	420
actgactact	caggaccaga	acctgcagga	gctggagaag	tggctgaaga	aagagccaga	480

<210> 1171

<211> 317

<212> DNA

<213> Homo sapien

<400> 1171

cctcagcagc	cctgccacgg	atctgcccga	ttcttttcgca	tcaagaagtt	gatcttgcca	60
gccatttcca	tgttgtagat	ccgccggcac	ctttcatagc	tttccctctg	tcgccggcgg	120
catggcttct	cataataccg	ccgatgctta	atgtcctcaa	tgagcccatc	catagtgagg	180
attctgttta	gggtcctgta	tgcgctttcc	acgttccctt	cctgtaccat	cacagtcctg	240
gcgatgaact	tcagatgttt	tgccatgacc	ttggatttaa	accttcactc	tgtagagcct	300
cgcgcgctca	gtaccta					317

<210> 1172

<211> 202

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(202)

<223> n = A,T,C or G

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<400> 1172
 ggcaacggga ggaacagcag cagaggcagc angagcagga ggagcgtgaa cgagaagagc 60
 ancggcgatn ngctgcnctc agtgaccgan agaagagagc tctggctgca naggccgac 120
 tcgctgcccc gttgggagcc cctacctctc caatccctga ctctgcaatc gtcaatactc 180
 gacgctgctg gagttgtggg gc 202

<210> 1173
 <211> 173
 <212> DNA
 <213> Homo sapien

<400> 1173
 ctgcctgggt tgtggccgcc ctagcatcct gtatgcccac agctactgga atccccgctg 60
 ctgctccagg ccaagcttct ggttgattaa tgagggcatg ggggtggctcc tcaagacctt 120
 cccctacctt ttgtggaacc agtgatgcct caaagacagt gtccccctcca cag 173

<210> 1174
 <211> 301
 <212> DNA
 <213> Homo sapien

<400> 1174
 ccaagagcta caatgggcag cgcacacagc agaacgtgca ggTTTTTgag ttccagttga 60
 ctgctggagga catgaaagcc atagatggcc tagacagaaa tctccactat tttaacagtg 120
 atagTTTTgc tagccaccct aattatccat attcagatga atattaacat ggagagcttt 180
 gcctgatgtc taccagaagc cctgtgtgtg gatgggtgacg cagaggacgt ctctatgccg 240
 gtgactggac atatcacctc tacttaaate cgtcctgttt agcgacttca gtcaactaca 300
 g 301

<210> 1175
 <211> 537
 <212> DNA
 <213> Homo sapien

<400> 1175
 cctgcagggc tcggccgtag gagaaggtea gggcccaggg cttcagcagg gggcacttgt 60
 taatggcatt gaggttgatg gacgcctcct cctcactctg gcctccagac aggaagggtga 120
 tcccagtgac agcggggggc actgtgcggc gcagcgtgtg gacggtcgcc atggcaatct 180
 cctcatgaga aaacttctga gtgcaagcat ggcctggggg gaccatgttg ggcttcagca 240
 aggtgccttc caggtagatg tgggtggtcac tcagagcctt gtagacagca gccagcacct 300
 tctcggtcac atactggcag cgcttcaagt catgggtccc atcagggagg atctcaggct 360
 ccacgatggg cacaatgcca ttctgctggc agatactggc ataacgggcc agaacattgg 420
 cattttccat gatggcgagg gctgaggggg tgtgttcccc aatcttcagc acacaacgcc 480
 acttggcgaa gtcagctccg tccttcttgt actgggcaca gcgctcagac agcccat 537

<210> 1176
 <211> 384
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

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<400> 1176
 ctgacaaaaa atgtgaaatt tccacaaaaat atccaactta tgtgactaaa cgcagtagtt 60
 tttttaaaag gggagataga aaataaatgg ttttgttggg gtgcatTTta gtaagccttt 120
 gcagtaaaat gacgggttgta actactaaac caaatttagt tttcacagca tggTTTTgtt 180
 gttttcccct tgTTTTtcag aggtaaatTT tgcattatat ccttcagtat tttaacacta 240
 ttttggcagt ttacacatta ctttttgntt ttccttcctt tttgngaaat gtattaagtt 300
 gtggttctta ttgaaacagt attatataat gttngcttaa ttatatcatg tgatgctcan 360
 ntctattntg atttattcat tagt 384

<210> 1177
 <211> 562
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(562)
 <223> n = A,T,C or G

<400> 1177
 ccaacaacat gcaggaagct cagagtatcg atgaaatcta caaatacgac aagaaacagc 60
 agcaagaaat cctggcgggc aagccctggg ctaaggatca ccattacttt aagtactgca 120
 aaatctcagc attggctctg ctgaagatgg tgatgcatgc cagatcgga ggcaacttg 180
 aagtgatggg tctgatgcta ggaaagggtg atggtgaaac catgatcatt atggacagtt 240
 ttgctttgcc tgtggagggc actgaaaccc gagtaaatgc tcaggctgct gcatatgaat 300
 acatggctgc atacatagaa aatgcaaaac aggttggccg ccttgaaaat gcaatcgggt 360
 ggtatcatag ccaccctggc tatggctgct ggctttctgg gattgatgtt agtactcaga 420
 tgctcaatca gcagttccag gaaccatttg tagcagtggg gattgatcca acaagaacaa 480
 tatccgcagg gnaaagtga tcttggcgcc tttaggacat acccaaaggg ctacaaacct 540
 nctgatgaan gaccttctga gt 562

<210> 1178
 <211> 353
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 1178
 cgcgtctgga tggccgaatc attcgcacag actgggacgc aggctttaag gagggcaggc 60
 aatacgccg tgggcgatct gggggccagg ttcgggatga gtatcggcag gactacnatg 120
 ctgggagagg aggctatgga aaactggcac agaaccagt agtggtgaga gctctgtcac 180
 tgacaaacac tcctttggcc tgttgaattt gctgaagaac atcacctaaa gtctgcacac 240
 gagcccatTT ttaccaagat ttgatcagtg tctttactga gctggaagcc tctgaaagtt 300
 attaaaggac agaatccaaa agaatgcctt taattcttgt ctgagaatct tgg 353

<210> 1179
 <211> 288
 <212> DNA
 <213> Homo sapien

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<400> 1179
 ccaatgggat cctcaagggtg cctgccatca atgtcaatga ctccgtcacc aagagcaagt 60
 ttgacaacct ctatggctgc cgggagtccc tcatagatgg catcaagcgg gccacagatg 120
 tgatgattgc cggcaaggta gcggtggtag caggctatgg tgatgtgggc aagggtgtg 180
 cccaggccct gcgggggttc ggagcccgcg tcatcatcac cgagggtgac cccatcaacg 240
 cactgcaggc tgccatggag ggctatgagg tgaccacat ggatgagg 288

<210> 1180
 <211> 523
 <212> DNA
 <213> Homo sapien

<400> 1180
 ctggagagat ggagcgggtg gcaccgtcat ccttcctcat cagccacata gaaggacagt 60
 ggcgatttca gccagcttt tctgactgct tgtaaatga agcccagaac tggtttgcca 120
 cctgtgggat cgactcagca ttttaaaata ggaggcagtc gtgagtgcag gtttcttgca 180
 gctccgggtg gccctgggct ccaggtcagg agacctcagc tcctgtccct gatctgtggt 240
 tgtcaagcct tgcagactct aaactcagca tctttatctg tcagacgtag acacgtggct 300
 cccgtggttg gtgcggttg aatagctgag gtaatacacg gacctccaag cactagagca 360
 gtatgaggag ttctgaggaa tggttatcct gcggtgcctg tgggccacag caagccattc 420
 ttatcccatc cggtttactt cccacagcca ctttgtaagc ataggcatta tcctctacct 480
 catcatagaa atgaggaaaa gaatcaccaa gagagtaagc agc 523

<210> 1181
 <211> 493
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 1181
 cacagatgaa ggctttgtga tacctgatga agggggccca caggaggagc aagaagagta 60
 ttaacagcct ggaccagcag agtaacatcg gaattcttca ctccaaatca tgtgcttaac 120
 tgtaaaatac tcccttttgt tacccttaga ggactcactg gtttcttttc ataagcaaaa 180
 agtacctctt cttaaagtgc actttgcgga cgtttcactc cttttccaat aagtttgagt 240
 taggagcttt taccttgtag cagagcagta ttaacaccta gttggttcac ctggaaaaca 300
 gagaggctga ccgtggggct caccatgcgg atgcgggtca cactgaatgc tggagagatg 360
 ttatgtaata tgctgagggtg gcgacctcag tggagaaatg taaagactga attgaatttt 420
 aagctaattgt gaaatcanag aatgtttgtaa taagtaaagc ccttaagagt atttaaaana 480
 tgcttcacaa ttt 493

<210> 1182
 <211> 329
 <212> DNA
 <213> Homo sapien

<400> 1182
 cgcgtctctg acaactgtgat catgataggg gttcaaacag aaagtgcctg ggccctcctt 60
 ctaagtcttg ttacaaaaaa aaggaaaaag aaaagatctt ctcaattaca aattctggga 120
 agggagacta tacctggctc ttgccctaag tgagaggtct tccctcccgcc accaaaaaat 180

agaaaggctt tctatttcac tggcccaggt agggggaagg agagtaactt tgagtctgtg 240
ggcctcattt cccaggtgcc ttcaatgctc atcaaaacca ggcatgggga aggccctggc 300
aaactgctcc acccgttgcc tgaggttg 329

<210> 1183
<211> 198
<212> DNA
<213> Homo sapien

<400> 1183
cctgacagac agaagggctt ggagattttt tttctttaca attcagtctt cagcaacttg 60
agagctttct tcatgttgtc aagcaacaga gctgtatctg caggttcgta agcatagaga 120
cgatttgaat atcttccagt gatatcggtc ctaactgtca gagatgggtc aacaaacata 180
atcctgggga catactgg 198

<210> 1184
<211> 224
<212> DNA
<213> Homo sapien

<400> 1184
ctggaggtgc ctccagaaggt gcattctgct tcctgcaggg gcttgaaaca ccaaggcact 60
ccagggatcc tggagtcaaa gcagcagccc cggttggtgc actccttggg ggtgacatgg 120
gggtagccgc agtccaccct gtccttggct ggacacggc actgggttgc agacaggccc 180
acgtactcct cagcagagct ggaggacagc aaggccagga ccag 224

<210> 1185
<211> 367
<212> DNA
<213> Homo sapien

<400> 1185
ccttttacag atgtcagctt tcaactggcct ccatgcacaa cctcccacta ccacccaatc 60
tgcctgccac agcaaagtgc aggcaccctg ggccccctgg aggatgcggg caggggctac 120
agggcatcca ggatgtggtc gatcttgggtg accagctcct ggcgctttcc tgagatgagc 180
ttctcattct caatgtacgt gtctttcttg agcttgccag ccaccaggcg ctcagcctcc 240
accgccgact tcagcaccag ctccctgacc tgtgcatcca gcttctgcat ttcgctcact 300
ctgtcgaca gatcagagcc ctctgtcttc agcctggact gcagcagtgc aatctcactg 360
gtcaagg 367

<210> 1186
<211> 188
<212> DNA
<213> Homo sapien

<400> 1186
ccattaagcg gatgctggag atgggagcta tcaagaacct cacgtccttc cgacctgggc 60
aagagctgta gcctgtcggg tgctactct gctgtctggg tgaccccat gcgtggctgt 120
gggggtggct ggtgccagta tgaccactt ggactcacc cctcttggg agggagtcct 180
gggcctgg 188

<210> 1187
<211> 379
<212> DNA

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<213> Homo sapien

<400> 1187

gttgatgcta	ctctgaagtc	tctcaacaac	cagattgaga	cccttcttac	tcctgaaggc	60
tctagaaaga	gccagctcg	cacatgccgt	gacttgagac	tcagccaccc	agagtggagc	120
agtggttact	actggattga	ccctaaccac	ggatgcacta	tggatgctat	caaagtatac	180
tgtgatttct	ctactggcga	aacctgtatc	cgggcccaac	ctgaaaacat	cccagccaag	240
aactggtata	ggagctccaa	ggacaagaaa	cacgtctggc	taggagaaac	tatcaatgct	300
ggcagccagt	ttgaatataa	tgtagaagga	gtgacttcca	aggaaatggc	taccaactt	360
gccttcacgc	gcctgctgg					379

<210> 1188

<211> 384

<212> DNA

<213> Homo sapien

<400> 1188

cgcgtcggac	tgcagccagt	ccgtttcctt	tctttagcca	gccatcctgg	tactgtagtt	60
taggggttga	tgggtggtga	aattgatttc	tggctgggta	ctaaggtgcc	tgctagccat	120
tgtataaaat	taaaacatga	agaatatatt	ttttttgagc	atggctagt	gatttataaac	180
aacacatacc	tgtcactgct	ggagtcaaac	ttataaaaaag	ccttaagtgg	aaagtgttcc	240
agacggagac	tctgagttaa	tagaggagta	gaagctgggtg	ttaaagttcc	cacgacgcac	300
atggccttgc	cagaaactct	gtttaatgat	cggcctttca	cctcttcact	tatccttagt	360
cccagtagcc	aggatacctg	atgg				384

<210> 1189

<211> 419

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 1189

ggaaaaacca	gccactgctt	tacaggacag	gggggttgaag	ctgagccccg	cctcacaccc	60
acccccatgc	actcaaagat	tggattttac	agctacttgc	aattcaaaaat	tcagaagaat	120
aaaaaatggg	aacatacaga	actctaaaag	atagacatca	gaaattgttg	agttaagctt	180
tttcaaaaaa	tcagcaattc	cccagcgtag	tcaagggtgg	acactgcacg	ctctggcatg	240
atgggatggc	gaocgggcaa	gctttcttcc	tgcagatgct	ctgctgcttg	agagctattg	300
ctttgttaag	atataaaaaag	gggtttcttt	ttgtctttct	gtaaggtnna	cttcagctt	360
ttgattgaaa	gtcctagggg	gattctattt	ctgctgtgat	ttatctgctg	aaagctcag	419

<210> 1190

<211> 173

<212> DNA

<213> Homo sapien

<400> 1190

ccaggtactg	gcacatcatg	ctctggatgg	gggtgggtgg	gtcctgtagg	cagagaaaca	60
ggaaattgtc	gtagtcagta	tcgagcagcg	tggcctcggt	cgccaccgta	tagttgatct	120
tgaacttctt	tggattctca	gtcttctctc	caaggacctt	cttctcaaca	cag	173

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<210> 1191
 <211> 341
 <212> DNA
 <213> Homo sapien

<400> 1191
 cctcctgccg gcagttcttg aagcttcttt ttcattcctg ctactctacc tgtattttctc 60
 agttgcagca ctgagtggtc aaaatacatt tctggggccac ctcagggaac ccatgcatct 120
 gcctggcatt taggcagcag agcccctgac cgtcccccac agggctctgc ctcacgtcct 180
 catctcattt ggctgtgtaa agaaatggga aaagggaaaa ggagagagca attgaggcag 240
 ttgaccatat tcagttttat ttattttatt ttaatttggt cttttctcca agtccaccag 300
 tctctgaaat tagaacagta ggcggtatga gataatcagg a 341

<210> 1192
 <211> 324
 <212> DNA
 <213> Homo sapien

<400> 1192
 ttggagggtg gcggcgcggg gctgaaggct agcaaaccga gcgatcatgt cgcacaaaca 60
 aatttactat tcggacaaat acgacgacga ggagtttgag tatcgacatg tcatgctgcc 120
 caaggacata gccaaagctgg tccctaaaac ccatctgatg tctgaatctg aatggaggaa 180
 tcttggcggt cagcagagtc agggatgggt ccattatatg atccatgaac cagaacctca 240
 catcttgctg ttccggcgcc cactacccaa gaaaccaaag aaatgaagct ggcaagctac 300
 ttttcagcct caagctttac acag 324

<210> 1193
 <211> 521
 <212> DNA
 <213> Homo sapien

<400> 1193
 ctgctttggt ttctgttggc agtggaggga caaggtgaga ggagccaggg gtagtcatga 60
 acaccagtgg gttctgccct gggcagctcc ccaccttctt taagagagta ctgtgtctca 120
 gctccagcag tctcaactgg gaagaccag gactcctgct cttttctcta atccctggga 180
 gacgaggtcc agctaaggta gagtaagcag tcagtgaacca ggcaggctgg tttgggaggt 240
 cactgcctgg aggacgggat cttgtattct tcggaagatg gctgggaaat tcttccctcc 300
 attacgtaga actttcttcc cctcctcagt tgaggtgcct agatgtccca caacggggtc 360
 ttcactcagg tcctccagag gcacacgctc aaacagtggg tgctcttcga aatgagtgca 420
 catccagtcg tgtagctcca gcacatcggg tatggtatac accagcccct gcataggcaa 480
 aatcacccta gacaggaggc tgcattgcaac gtcagcagcc a 521

<210> 1194
 <211> 208
 <212> DNA
 <213> Homo sapien

<400> 1194
 ccagtgacta gaaggcgagg cgccgcggga ccatggcggc ggccggcgac gagcggagtc 60
 cagaggacgg agaagacgag ggagaggagg agcagttggg tctggtggaa ttatcaggaa 120
 ttattgattc agacttctc tcaaaatgtg aaaataaatg caaggttttg ggcattgaca 180
 ctgagaggcc cattctgcaa gtggacag 208

<210> 1195

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<211> 499
 <212> DNA
 <213> Homo sapien

<400> 1195
 ccagaaagga aagacaataa ttttggtttt tcattttgaa aaaattaaat gctctctcct 60
 aaagattctt cacctacttt ggtctccata acttctatgt tttctttcct tctgacacac 120
 tagtgcccct aaattgtgat ttgcctatac gtttagggcc ggggttgga gatgttaaca 180
 accatttaag attcatttct gcagtgggag tgggtggagt ttcaccctct gggaaagggg 240
 caggtgacag gtatttatca gtcagtgcct ctctagctct tgtaggaaga agcacacgca 300
 ggatggagtc tagaggatga gcgatattga ctagcaattc atgggctccc tccagcagtg 360
 cgagggtcag agtttctgga gccttgggag gaggcatccc tgtgaggggg ggttagggag 420
 atgggagggc accaggaaaa gtgattagaa gtcaggtatg ggaaggctaa attaggacag 480
 agtcaggtac atctctgct 499

<210> 1196
 <211> 455
 <212> DNA
 <213> Homo sapien

<400> 1196
 ctgacccccc tttgtccaca gctaagatgg cagcagaatg ctatgtcact atatacagaa 60
 acaagacaac ctgaagctaa atggatgccc cctgcagagt caacagggtcc agcctcacag 120
 tgcacgccct gagctacagc ctctcccaaa aggcattctc cccacagcct caacgccgag 180
 caaggagcat caagggtttg tctcggttgt tttgttcttt ttacaaacta tagatatata 240
 cagttgaaaa ctcaggattt ctagccaata accatagtta ccaccacctt acaaataaaa 300
 agaaaatgcc agaaacatct ttaaatgcct tgtcacacca acagcaaagt gcacagagtg 360
 aggagaacac gagagtgcct tttcatttta aaaatgtttg gaaatatgta caacttcgat 420
 acagtttcag ggtgctccag acacccatgg acctg 455

<210> 1197
 <211> 444
 <212> DNA
 <213> Homo sapien

<400> 1197
 cctggatgtg gctcttcgca ctgaaggcca agtagtagat cacaaggccg atcgccgag 60
 ccagcacctc agtggacacc cagggcccggt tccaagtgcc ccgatgggtcc acgtgactg 120
 taaacagagg cgggatgatg gaaatgtcct cgttattcct ctgagccttc ctgaggaggc 180
 tgtaggactc ctggtcgaag aatctaacct cataggtgcc tgcgtgggag ctcttgtggt 240
 tcaggcttca ggacacctga taacgccccca catcctggcc tcgagtgaaca gggaattgtt 300
 ttccaccgac gtcagcatag agagccatgt tctggaccct gttcttgcac gtcagggaga 360
 tctccacaat gaagacggtc tcagtggaaa tgacagcgtc agaagtgggt tagtaggaag 420
 gggatgatctg gggctccagg cagg 444

<210> 1198
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 1198
 ccattgggtgt ctggagcacc ctgaaactgt atcaaagttg tacatatattc caaacatttt 60
 taaaatgaaa aggcactctc gtgttctcct cactctgtgc actttgctgt tgggtgtgaca 120
 aggcatttaa agatgtttct ggcattttct ttttatttgt aagggtgggtg taactatggt 180

tattggctag aaatcctgag ttttcaactg tatatatcta tagtttgtaa aaagaacaaa 240
 acaaccgaga caaacccttg atgctccttg ctcggcgttg aggcgtgtgg gaagatgcct 300
 tttgggagag gctgtagctc agggcggtgca ctgtgaggct ggacctgttg actccgcagg 360
 gggcatccat ttagcttcag gttgtcttgt ttctgtatat agtgacatag cattctgctg 420
 ccatcttagc tgtggacaaa ggggggtcag 450

<210> 1199
 <211> 294
 <212> DNA
 <213> Homo sapien

<400> 1199
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 aatattcatg attttattag tttgaatatt tctacaagat tcgggtgggc ttttccttta 120
 ggtgaaaaca gctatccact cctgtggcct tataactcag gaaatgctgg ggatgcaaac 180
 gtgcaaaagg cagggggaag ctgcccaggc tgagactgga gcagctagga gtgtgcttgg 240
 ggaacgggag ctgagatccc ggagcagaaa tggtcagccg tgctctggag cagg 294

<210> 1200
 <211> 258
 <212> DNA
 <213> Homo sapien

<400> 1200
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 tataggtaga ggcgacaaac ctaccgagcc tgggtgatagc tggttgtcca agatagaatc 120
 ttagttcaac tttaaatttg cccacagaac cctctaaatc cccttgtaaa ttttaactgtt 180
 agtccaaaga ggaacagctc tttggacact aggaaaaaac cttgtagaga gagtaaaaaa 240
 ttttaacaccc atagtagg 258

<210> 1201
 <211> 403
 <212> DNA
 <213> Homo sapien

<400> 1201
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 ggatttcagc ttcttatcat cagccagggc caagcagttt ttactgtct tttccagaag 120
 ttcttcacac ttgtctgcac cccaaactgg actattacag tggatcacia acttggcagg 180
 caggccatgg cctgcgctga cagcagctcc agctacttcc aaggggcccg tctttttccg 240
 gagttccagg acagcttcca caaactcctt gccaccttcc ttctccagcg tgtttcctag 300
 gtcatcttta aggtcaatgt cagcattggt aggattgatt atggcctcca cctcaaagcc 360
 ggctaaaatta ctgatttcac tgtgaataag gttcggcttc tgg 403

<210> 1202
 <211> 325
 <212> DNA
 <213> Homo sapien

<400> 1202
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 gtcttcgtgc agtggaatgca gagggggcag cccttgctcc cgagagaagta tgtgaccagc 120
 gccccaatgc ctgagcccca ggccccaggc cggtaacttcg cccacagcat cctgaccgtg 180
 tccgaagagg aatggaacac gggggagacc tacacctgcg tgggtggcct tgaggccctg 240

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cccaacaggg tcaccgagag gaccgtggac aagtcaccg gtaaaccac cctgtacaac 300
gtgtccctgg tcatgtccga cacag 325

<210> 1203
<211> 518
<212> DNA
<213> Homo sapien

<400> 1203
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ggcagcatct ggaggagctc tgcagcctcc acacctacca cgacctocca gggctgggct 120
caggaaaaac cagccactgc tttacaggac aggggggttg agctgagccc cgcctcacac 180
ccacccccat gactcaaag attggatttt acagctactt gcaattcaaa attcagaaga 240
ataaaaaatg ggaacataca gaactctaaa agatagacat cagaaattgt taagttaagc 300
tttttcaaaa aaccagcaat tccccagcgt agtcaagggt ggacactgca cgctctggca 360
tgatgggatg gcgaccgggc aagctttctt cctcgagatg ctctgctgct tgagagctat 420
tgctttgtta agatataaaa aggggtttct ttttgtctt ctgtaagggt gacttccagc 480
ttttgattga aagtcctagg gtgattctat ttctgctg 518

<210> 1204
<211> 352
<212> DNA
<213> Homo sapien

<400> 1204
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agatgcacaa ggaggaaat gaggtggtg tgetgggggc acccccacgc accatccttc 180
caaggtccac cgtgatcaac atccacagcg agacctcgt gcccgaccat gtcgtctggt 240
ccctgttcaa caccctcttc ttgaactggt gctgtctggg cttcatagca ttgcctact 300
ccgtgaagtc tagggacagg aagatggttg gcgacgtgac cggggcccag ga 352

<210> 1205
<211> 250
<212> DNA
<213> Homo sapien

<400> 1205
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tctccagcac acattccagg atcaatgctc tgaactgtaa tcagctagta attcataacg 120
ggaatacagc cttagaatgg aagctatatt gcttccctgc cccctttctc ttacaattgg 180
agagtgtagg tattaaggga taaaaagtca gaggaagaat aattaaaaag aaaaatgccc 240
aaagctgcag 250

<210> 1206
<211> 275
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

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<400> 1206
 ctgctctcgn ngnetcactg gatggaccag cacttccgca cgacgcccct ggagaagaac 60
 gcccccgctt tgctggccct gctgggtatc tggtagatca actgctttgg gtgtgagaca 120
 cagcccatgc tgccctatga ccagtagctg caccgctttg ctgctgactt ccagcagggc 180
 gacatggagt ccaatgggaa atacatcacc aaatctggaa cccgtgtgga ccaccnnaca 240
 ggccccattg tgtgggggga gccagggacc aatgg 275

<210> 1207
 <211> 182
 <212> DNA
 <213> Homo sapien

<400> 1207
 ccattctcctg ctggaagtc agggcgacgt agcacagctt ctctttgatg tcgctgcacga 60
 tttcccgctc ggccgtggtg gtgaagctgt agcctcgctc agtgaggatc ttcattgaggt 120
 agtcgggtcag gtcccgcca gccaggtcca gacgcaggat ggcgtggggg agggcgtagc 180
 cc 182

<210> 1208
 <211> 260
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 1208
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 attataggca tgagccactg gaatttttct tttttttttt ctttcttttt tttttttttt 120
 ttaaattgan acaaggtctg gctctatcgc ccangctgga gtgcagnggc accatntcgg 180
 ctactgcaa cctctgcctg ctgggctcga gccatcctcc cacctcagcc tcccaagtan 240
 ttgggactag aggtatgcac 260

<210> 1209
 <211> 487
 <212> DNA
 <213> Homo sapien

<400> 1209
 aaaccactc caccttacta ccagacaacc ttagccaaac catttaccca aataaagtat 60
 aggcgataga aattgaaacc tggcgcaata gatatagtag cgcaaggga agatgaaaaa 120
 ctataaccaa gcataatata gcaaggacta atccctatac cttctgcata atgaattaac 180
 tagaaataac tttgcaagga gagccaaagc taagacccc gaaaccagac gagctaccta 240
 agaacagcta aaagagcaca cccgtctatg tagcaaaata gtgggaagat ttataggtag 300
 aggcgacaaa cctaccgagc ctggtgatag ctggtgtgcc aagatagaat cttagttcaa 360
 ctttaaatgt gccacagaa ccctctaaat ccccttgtaa atttaactgt tagtccaaag 420
 aggaacagct ctttggacac taggaaaaaa ccttgtagag agagtaaaaa atttaacacc 480
 catagta 487

<210> 1210
 <211> 216
 <212> DNA

05050109496050

<213> Homo sapien

<400> 1210

ccactcagct	cagcggggcga	cgtgccccta	caagttggca	gaagtggctg	ccactgctgg	60
gtttgtgtaa	gagaggctgc	tgccaccatt	acctgcagaa	accttctcat	aggggctacg	120
atcgggtactg	ctagggggcga	catagcgcgc	atggatgtgg	taggtggggt	actcgctcat	180
aggatggtag	gtatcccggg	ctggaaagat	gtccag			216

<210> 1211

<211> 443

<212> DNA

<213> Homo sapien

<400> 1211

ccaaggtcag	aggctgatgc	aacaggccct	cttctcccca	gggccaggct	cctgtccagc	60
ctgggcactg	cccagagtga	tggcattggt	ccggatgctg	ttctgtctct	gcttggacac	120
cttcgcaaag	atctctttca	ggacagtctc	aaaggctagc	tcaacattgg	tagagtccag	180
ggctgaggtc	tccaggaaga	gcagtccatt	gttttcagcg	aacattcggt	cctcctcagt	240
gggcacttcc	cgggcctggc	tgaggtcact	tttggtacct	acgagcatga	cgacgatcgt	300
ggcttcagca	tggtcataga	gtcccttcag	ccatcgctcc	accacagcat	aggtctgggt	360
cttggttagg	tcaaacacca	ggagggcccc	caqtgcacca	cgatagtacg	ccgaggtgat	420
ggctcggtac	cgctccaggc	cag				443

<210> 1212

<211> 526

<212> DNA

<213> Homo sapien

<400> 1212

actgaaaccc	gagtaaatgc	tcaggctgct	gcatatgaat	acatggctgc	atacatagaa	60
aatgcgaaac	aggttggccg	ccttgaaaat	gcaatcgggt	ggtatcatag	ccaccctggc	120
tatggctgct	ggctttctgg	gattgatggt	agtactcaga	tgctcaatca	gcagttccag	180
gaaccatttg	tagcagtggg	gattgatcca	acaagaacaa	tatccgcagg	gaaagtgaat	240
cttggcgcct	ttagggacata	cccaaagggc	tacaaacctc	ctgatgaagg	accttctgag	300
taccagacta	ttccacttaa	taaaatagaa	gatttttggt	tacactgcaa	acaatattat	360
gccttagaag	tctcatatct	caaactctct	ttggatcgca	aattgcttga	gctgttgggt	420
aataaatact	gggtgaatac	gttgagttct	tctagcttgc	ttactaatgc	agactatacc	480
actggtcagg	tctttgattt	gtctgaaaag	ttagagcagt	cagaag		526

<210> 1213

<211> 359

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(359)

<223> n = A,T,C or G

<400> 1213

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cagacatata	ccagaaatgg	gggagaaaca	gtacatatct	ttctgtcttt	agtttattgt	120
gtgctgggtc	aagcaagctg	agatcatttg	caatggaaaa	cacgtaactt	gtttaaaagt	180
ttttctggta	gcttttagctt	tatgctaaaa	aaaataatga	cattgggtat	ctatttcttt	240

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ctaagactac attantanga aaataagtct tttcatgctt atgatttagc tgttttgtgg 300
taattgcttt ttaaaggaag nnattaatat cataagttat tattaatatt gtgaacnca 359

<210> 1214
<211> 428
<212> DNA
<213> Homo sapien

<400> 1214
ccaagcttga ggcagcccta ggtgaggcca agaagcaact tcaggatgag atgctgcggc 60
gggtggatgc tgagaacagg ctgcagacca tgaaggagga actggacttc cagaagaaca 120
tctacagtga ggagctgcgt gagaccaagc gccgtcatga gacccgactg gtggagattg 180
acaatgggaa gcagcgtgag tttgagagcc ggctggcgga tgcgctgcag gaactgcggg 240
cccagcatga ggaccagggt gagcagtata agaaggagct ggagaagact tattctgccca 300
agctggacaa tgccaggcag tctgctgaga ggaacagcaa cctgggtgggg gctgcccacg 360
aggagctgca gcagtcgcg c atccgcatcg acagcctctc tgcccagctc agccagctcc 420
agaagcag 428

<210> 1215
<211> 414
<212> DNA
<213> Homo sapien

<400> 1215
ctgaagcact cttcagagac tacgtccaca gacactgatg ctgaggcctt tcttgtaagt 60
gaagaaaaag gaatgcagca aagaagagtt cgacattgga gtccttagtt ccatcaggat 120
cccattcgca gccttttagca tcatgtagaa gcaaactgca cctatggctg agataggtgc 180
aatgacctac aagattttgt gttttctagc tgtccaggaa aagccatctt cagtcttgct 240
gacagtcaaa gagcaagtga aaccatttcc agcctaaact acataaaagc agccgaacca 300
atgattaaag acctctaagg ctccataatc atcattaaat atgcccaaac tcattgtgac 360
tttttatttt atatacagga ttaaaatcaa cattaaatca tcttatttac atgg 414

<210> 1216
<211> 162
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 1216
cctggccgca ggggtccccg gtattgctgt tgctacgagg ttggggggca gcgattgtcc 60
tgtgggagcc accgttctcc tgggtcgggg accctcactt cttctggggg gtgctcannt 120
tctgcatgcc ccgatcttg tccagcangc cagaaatgaa gg 162

<210> 1217
<211> 392
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature

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<222> (1)...(392)

<223> n = A,T,C or G

<400> 1217

ctgaagtaga	ggctggaact	gaagctgaga	ctgaggctga	ggctgaaact	ggagctaagg	60
gtgaggctgg	aactggagct	gaggttgagg	ccagaactgg	agctaaagtt	gaggctggaa	120
ccggagctga	ggttgaggct	ggaactggag	ttaaggttgc	tggaagtgga	gctgaggttg	180
aggctggaac	tgaagctgag	ggtgaagggtg	gaagtggagc	cgaagctaga	ggtggaactg	240
aggctgaaga	ctgtgcttgc	tggatccctg	tagcctgttt	tttggcaaatt	cttggaggaa	300
gcttanaagt	ctggcttctt	cctttttcat	ttgcattctt	tttgttccag	accttaaaaa	360
attaacgggg	accatttttg	tcaataatgc	ag			392

<210> 1218

<211> 526

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 1218

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agctggaagt	ccaccttaca	gaaagacaaa	aagaaacccc	tttttatatc	ttaacaaagc	120
aatagctctc	aagcagcaga	gcatctogag	gaagaaagct	tgcccggctg	ccatcccatc	180
atgccagagc	gtgcagtgtc	cacccttgac	tacgctgggg	aattgctgat	tttttgaaaa	240
agcttaactt	aacaatttct	gatgtctatc	cttttagagtt	ctgtatgttc	ccatttttta	300
ttcttctgaa	ttttgaattg	caagtagctg	taaaatccaa	tctttgagtg	catgggggtg	360
ggtgtgaggc	ggggctcanc	ttcaaccccc	tgtcctgtaa	agcagtggct	ggtttttcct	420
gagcccagcc	ctgggagggtc	gtggtangtg	tggaggctgc	agagctcctn	cagatgctgc	480
cctcgctgtg	cctcacacca	nagaggatgg	aagtgggctc	tgggtg		526

<210> 1219

<211> 382

<212> DNA

<213> Homo sapien

<400> 1219

ctggccggcg	gtgcagatct	ggagtccagc	ctcagggatg	cgctactttc	cattctctgc	60
attgaacatt	cgttctgtca	gcatccgctc	cagcttcact	gcatcagcgg	caaacttgcg	120
gatcccgtca	gagagcttct	ccacagccat	ctggtcctcg	ttgtgcaacc	aacggaaaga	180
cttctcatcc	aggtggattt	tttccaggtc	actggcttgg	gccgccttgg	ctgagagcac	240
aggcaccagc	ttggcgttgt	cctgcagcag	ctctcccagg	agcttgggtg	agatgggtgag	300
gaagtcacag	ccggccagtg	ctttgatctc	gcccggtgtg	cggaaggagg	cgcccatgac	360
aatgggtttg	tagctaaact	tc				382

<210> 1220

<211> 127

<212> DNA

<213> Homo sapien

<400> 1220

tcgacctcct	tgaagcagac	caagtatagc	aagcctctaa	aaggactact	gagaaacaga	60
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atcagaaaact ctagaactct agttagggcc cttcagcagg gctgcagagc ctccctggat 120
 acccagg 127

<210> 1221
 <211> 304
 <212> DNA
 <213> Homo sapien

<400> 1221
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 gaaaaacaat gaattgggcc aattacacga ctgcaaagct agagctgccac acagggctcc 120
 agggagcttg gcttctgtag aagttctaag gaagcggtag gaactccacg gcggtggggc 180
 gctaactagc agggaccctt gcaagtgttg gtcgggggcc tcgggctgcc tgagctgaca 240
 cgagggggagg ggtctgtgta gccaacagggt gaccgaaggc cttgcctgcc cacagcttac 300
 ttgg 304

<210> 1222
 <211> 309
 <212> DNA
 <213> Homo sapien

<400> 1222
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 ggagaacttg gtggaattgg agtgaagaca gatctggtgc tcaccagggg tatgggaagt 180
 gaaagtgaac ctgccctcgg agccatactg ccggggccagg atgaccttgt cctctgggtc 240
 ctccacctcc acaaacatgc caagccccgg ggtggccggc tggtactcct cccgctgctt 300
 gtcatacag 309

<210> 1223
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 1223
 cctggcctgg gagccctgtg cctactagaa gcacattaga ttatccattc actgacagaa 60
 caggtctttt ttgggtcctt cttctccacc acgatatact tgcagtccctc cttcttgaag 120
 attctttggc agttgtcttt gtcataaacc acaggtgtag aaacaagggt gcaacatgaa 180
 atctctgttt cgtagcaagt gcatgtctca cagttgtcag tctgccactc cgagtttatt 240
 ggtgtttgtt tcctttgaga tccatgcatt tcctggttga atctcctgga actccctcat 300
 taggtatgaa atagcatgat gcattgcata aagtcacgaa ggtggcaaag atcacaacgc 360
 tgcccaggag aacattcatt gtgataagca 390

<210> 1224
 <211> 407
 <212> DNA
 <213> Homo sapien

<400> 1224
 ccttatgact acaacggccc acgagaaaaa tatggaatcg ttgattacat gatcgagcag 60
 tccgggcctc cctccaagga gattctgacc ctgaagcagg tccaggagtt cctgaaggat 120
 ggagacgatg tcatcatcat cggggtcttt aagggggaga gtgaccacgc ctaccagcaa 180
 taccaggatg ccgctaacaa cctgagagaa gattacaaat ttcaccacac tttcagcaca 240
 gaaatagcaa agttcttgaa agtctcccag gggcagttgg ttgtaatgca gcctgagaaa 300

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ttccagtcca agtatgagcc ccggagccac atgatggacg tccagggctc cccccaggac 360
tcggccatca aggacttcgt gctgaagtac gccctgcccc tggttgg 407

<210> 1225
<211> 250
<212> DNA
<213> Homo sapien

<400> 1225
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cctacactct ccaattgtaa gagaaagggg gcagggaagc aatatagctt ccattctaag 120
gctgtattcc cgttatgaat tactagctga ttacagttca gagcattgat cctggaatgt 180
gtgctggaga aatttaaaat actgggggtt tttgtttaat ggtgcctgtt tagagttgga 240
agttgaacag 250

<210> 1226
<211> 444
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 1226
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agttggcaca ggttcggaag ggccccaggc agacatgaat tctcctgaga cttgaggtag 120
gttgcttcag ccagcccggg cggagaagaa gggcagagag cgaacatagg agtccagtcg 180
ggagcgaaag agctcacttt gcacagtttg gccagcggg cacaggggat tcttcaccac 240
cagctccaca tacagcgcac tgtagatgtg gtgcagcaca tctcggtatg gtcccacgcc 300
caagtcagta ttcattgaca ctttgatccc agtgggcgtc tcgtagtaat ggagtttgta 360
acggctagtt tgggaaggcca ggaagccatc cttcatgtct agcggggaca tcttgctgac 420
aaacgancgg atagagaaga gcat 444

<210> 1227
<211> 491
<212> DNA
<213> Homo sapien

<400> 1227
gttagcctta catgttgtgt agacttactt taagtttgca cccttgaaat gtgtcatatc 60
aattttctgga ttcataatag caagattagc aaaggataaa tgccgaaggt cacttcattc 120
tggaacacagt tggatcaata ctgattaagt agaaaatcca agctttgctt gagaactttt 180
gtaacgtgga gagtaaaaaag tatcggtttt attctttgct gatgtccttt ctgcttgaaa 240
taacagtcac catacagcta aaggagagga gtttctttcc ttctaagtag gcagaaatgg 300
tatcattatg ttgocgctct ccaatctccc agagctcgct ctctagagaa tcaccttctt 360
tcgctttttt tttttttttg aggtagagtc tcactatgtt gccagacta gccttgaact 420
cctgggctca agtgattctc cctcctcagc ctcccagta gctggaacga actatagttg 480
caccactgca g 491

<210> 1228
<211> 279
<212> DNA

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<213> Homo sapien

<400> 1228

ctgggcggat	ctgatcaact	aggcaacatc	atgtccggat	atgagttcat	caacaagttg	60
actggagaag	atgtatttgg	aatcacggtt	cctctaatta	caagtacaac	tggagcaaag	120
ctgggaaagt	ctgctggcaa	tgctgtttgg	ctaaacagag	ataagacatc	tccatttgaa	180
ttgtatcaat	tctttgtcag	gcaaccggac	gattcagtgg	aaaggtacct	gaagctgttc	240
actttcctac	cccttccaga	gattgatcat	atcatgcag			279

<210> 1229

<211> 199

<212> DNA

<213> Homo sapien

<400> 1229

cggccgaggt	ccagtccaac	ctgctcctca	ttattgtata	aatgagcaga	atcaatatgg	60
cggaagccag	cttcaattgc	caatttggtg	gcctctaaag	ctttactttt	aggaacctct	120
gcaggcgcac	aggtgccaaa	tcccaggaca	ggcatgaagt	gaccatcatt	cagcttcaca	180
cactgatatt	tcgaatcca					199

<210> 1230

<211> 237

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(237)

<223> n = A,T,C or G

<400> 1230

ctgcattgnt	gnngaattca	caactactca	ggctgggaaa	atacagattg	gttcaaagaa	60
accaaaaaacc	agagtgtccc	tcttagctgc	tgcagagaga	ctgccagcaa	ttgtaatggc	120
agcctggccc	acccttccga	cctctatgct	gaggggtgtg	aggctctagt	agtgaagaag	180
ctacaagaaa	tcatgatgca	tgtgatctgg	gccgcactgg	catttgcagc	tattcag	237

<210> 1231

<211> 277

<212> DNA

<213> Homo sapien

<400> 1231

ctggaggtgc	ctcagaaggt	gcattctgct	tcctgcaggg	gcttgaaaca	ccaaggcact	60
ccagggatcc	tggagtcaaa	gcagcagccc	cggttggtgc	actccttggg	ggtgacatgg	120
gggtagccgc	agtccaccct	gtccttggtc	ggcacggcac	actggtttgc	agacaggccc	180
acgtactcct	cagcagagct	ggaggacagc	aaggccagga	ccagccccag	catgcagagc	240
gctctggcag	ccatgaccac	cgtgggctcc	gggacgc			277

<210> 1232

<211> 348

<212> DNA

<213> Homo sapien

<400> 1232

0503069250


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ctgcaacttt ttttttttgc aattacagag tggatttcag ttaacagaac aacaattatt    60
tcgtataagc tgcatacagag acaactgaag atgaaaaaac taccatcccc atatataact    120
aattttgtgt gtgcaccaac aagaacctgc tttaaatttc catgcccaatt tacaaccccc    180
atactgtacc aggcaagggt agtggctatt gaaaatacca ccaggacagg gctatctaaa    240
gacacattcg gtagtgtgtt aactatacaa aaaaagacac tgtacagttt aaaaacaaat    300
cttacacagc cttacatttc aatttttttc tttaaaagga gtgagttg    348

```

```

<210> 1233
<211> 312
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

```

```

<400> 1233
ctgagcgtac ggccgcgttc atcccagccg cgggtgcccc cacgttgatg acagctacgt    60
tgcaattggc ctttgggatc tgatcatccg gcagcttgat ggcaagtcgc ttgtaggtgt    120
tcaggttgcc cgcaaagctc ctccctcgga gtgcgaaccgn atnttgaaat ctccctctcgt    180
ccatcgccct ctgcacatcc tgagtcctct gcacgcactc catcagcggc aggcgcacgg    240
ngtggttccc gttcagtgac acgacgcaag ctgggggtgtc cgggggtggcc tctagcaagg    300
cnaatgactgc ct                                     312

```

```

<210> 1234
<211> 151
<212> DNA
<213> Homo sapien

```

```

<400> 1234
ccggccgcgg gcataaaagg cgccagggtga gggcctcgcc gctcctcccg cgaatcgag    60
cttctgagac caggggttgct ccgtccgtgc tccgcctcgc catgacttcc tacagctatc    120
gccagtcgtc ggccacgtcg tccttcggag g                                     151

```

```

<210> 1235
<211> 250
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

```

```

<400> 1235
ctgcaccttn gggcntnttt ctttttaatt attcttcctc tgactttgta tcccttaata    60
cctacactct ccaattgtaa gagaaagggg gcagggaagc aatatanttt ccattctaag    120
gctgtattcc cgttatgaat tactagctga ttacagttca nagcattgat cctggaatgt    180
gtgctggana aattttaaatt actgggggtt tttgtttaat ggtgcctggt tagagttgga    240
agttgaacag                                     250

```

```

<210> 1236
<211> 154

```

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<212> DNA
<213> Homo sapien

<400> 1236
ctgatacctca ctattgtggg caccatcgct ggcacgtca ttctcagcat gataattgca 60
ttgattgtca cagcaagatc aaataacaaa acgaagcata ttgaagaaga gaacttgatt 120
gacgaagact ttcaaaatct aaaactgcgg tcga 154

<210> 1237
<211> 375
<212> DNA
<213> Homo sapien

<400> 1237
ccactggatc tttgggatta aagctctgtt ggatttgtac ctcagaggaa gatcaagtgg 60
ctgataccttt ggactctgta aagagcattc ttctagtacag aggggtggaat ggcagcagca 120
actggaagaa aatgagtttt ttggtgcca caccacagag cacacacatg ctgcaactgtc 180
tcggaaagca gggccagcta gagccaccat gttcttcctt acctcagttt acctgcggcc 240
tgcgtgtcac tgcagatgcc caccctgccc tgggtctggc cggcggaagc tctgtccaag 300
gtccacacac ctccaggttt acgccaacat ccttgtgccc tccccacctt ctcttccaac 360
gcattaggtg cattg 375

<210> 1238
<211> 454
<212> DNA
<213> Homo sapien

<400> 1238
gtcaagatca agttcaatat catcgccctct ctctatgact acaaccccaa cctggcaacc 60
tacatgaagc cagagatgtg ggggaagtgc ctggactgca tcaatgagct gatggatata 120
ctgtttgcaa atcccaacat ttttgttga gagaatattc cggaagagag tgagaacctg 180
cacaacgctg accagccact gcgtgtccgt ggctgcatcc taactctggt ggaacgaatg 240
gatgaagaat ttaccaaata aatgcaaaat actgaccctc actccaagag tacgtggagc 300
acttgaagga tgaggccccag gtgtgtgcca tcctcagcgc tgtgcagcgc tacctggagg 360
agaagggcac taccgaggag gtctgcgcga tctacctgct gcgcacctg cacacctact 420
acaagtttga ttacaaggcc catcagcgcac agac 454

<210> 1239
<211> 483
<212> DNA
<213> Homo sapien

<400> 1239
ctgccaggct gaaaagaagc ctcagctccc acaccgcct cctcaccgcc ctctctcggg 60
agtcacttcc actggtggac caggggcccc cagccctgtg tcggccttgt ctgtctcagc 120
tcaaccacag tctgacacca gagcccactt ccactctctc tgggtgtgagg cacagcgagg 180
gcagcatctg gaggagctct gcagcctcca cacctaccac gacctcccag ggctgggctc 240
aggaaaaacc agccactgct ttacaggaca gggggttgaa gctgagcccc gcctcacacc 300
cacccccatg cactcaaaga ttggatttta cagctacttg caattcaaaa ttcagaagaa 360
taaaaaatgg gaacatacag aactctaaaa gatagacatc agaaattgtt aagttaagct 420
ttttcaaaaa atcagcaatt cccagcgtg gtcaagggtg gacactgcac gctctggcat 480
gat 483

<210> 1240

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<211> 358
 <212> DNA
 <213> Homo sapien

<400> 1240
 cctttatgga tgaaagtacc cagtgcctcc agaaggtgtc agtacagctc ggaaagagaa 60
 gcatgcaaca attagatccc tcaccagctc gaaaactgtt gaagcttcag ctacagaacc 120
 cacctgccat acatggatct ggatctggat cttgtcagtg actttatgag agtttctgcc 180
 acaaggtgcc caagaggaga ggaatgggaa gagtgcccca gcacgtggtg actgcgtgat 240
 ttctgctcra tgcctttmts atamstgacc aactgasgg cgaattmcag cacactggcg 300
 gccgttacta gtggatccga gctcggtagc aagcttggcg taatcatggt catagctg 358

<210> 1241
 <211> 194
 <212> DNA
 <213> Homo sapien

<400> 1241
 ccaaaggttc gtaatgccat ctctgcacca atctcctccc ccatagcaat aagggaatc 60
 cccagaacag ccaactccctg atgtgctccc atgtcagcag gggcttcctt cttgtccttg 120
 tctttctttt ccttcttgct tttgtcttcc tccttctctt tggagtcaaa gtgttcgcta 180
 caaatgtgga gcag 194

<210> 1242
 <211> 316
 <212> DNA
 <213> Homo sapien

<400> 1242
 ccttggttctc actgccctct aagggaactt ggtcactcgg cactttttaag cctcagtttc 60
 tccagttcaa taataaggac aagagctttt cccatgcatt ctctttcccc gggaaagtgc 120
 actgaggtga ccagtaatag aattgaaaag ggagagtgtc ttcagtgcaa tgtggcatcc 180
 tggattgggt cttggaacaa aaacaggaca ttagtgggaa aattggaaat ctgaaaaaag 240
 tctgaatttt agttaatata ccaatttcag tctcttggtt ttgacagatg taccatggtg 300
 atgtaagatg ttgacc 316

<210> 1243
 <211> 275
 <212> DNA
 <213> Homo sapien

<400> 1243
 aaaaggtgga tgaaagtatt atgtataata ttataatggt aaatatgtga tatgaatttg 60
 ttgaaatcaa cagaatatac agcataaagg gttaattcca attcacaaaa atataaataa 120
 ataggagatt aggaattcca ggatagaatg cagacaatat agaaaaatc taatgtcatt 180
 acaaatgtat gaaatcagaa gaggtgccaa gtgacctcag aaatagtgtg gtcaataaaa 240
 gaataaagaa agtgcacgtc agaactgtac cccag 275

<210> 1244
 <211> 235
 <212> DNA
 <213> Homo sapien

<400> 1244

09045626-050301

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ctgctgcgct tggataacaa gtaattcaac gcacgcactt aacagaaatg ttaaactata    60
acaagcacca tttgaggatt aacaggaaca tttttttgaa gatttcaaac gaactcgact    120
ttcagtataa ttgtacctaa agtatattata aacagctcat cggagcctct atttgtcata    180
gacttttgag ttgattgttg ggaccacata ataggacctat tttttttttg tcttt      235

```

```

<210> 1245
<211> 640
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

```

```

<400> 1245
ctgatgatgt tccacaaaag agcaaaacat acacaatctg gttccactct acagaaatcc    60
tggaactgga ctacaaaggg aatagacagg gtgtggcagg aggggggttc tcacggttgg    120
agtgcgaggg tagggacagg aatagaaggy aggtataaaa cattcatgtg gtattaacag    180
ggcagatgtg tcaatrtatt tscaagttta gcataatata ggtataaaaa ttaaataaaa    240
atagtttaka tgtgtgtgta tatatgggtt aatacacaac acatacctcc tagagtcatt    300
acctgagagg ttctacaaga aaagacagca aattaacaaa aaatacaccc agaatcaaga    360
tttgagtttt ggttcctttc atagcagaat ggtatgcaac atttcttga aaaatggcta    420
atcctagggc ttggaaagag aatataggag taaagtctac aatttctcat ggtaccaga    480
aaataagaaa gggttcctaa atgaagaatc gctccttttg caaaccttat ggtaacaaat    540
ataatattta taaaaagtga attangtaat atgttaatgg agaaataaac atcattatga    600
aatgctatct taacaaaaaa targagaaaa twttagtttt      640

```

```

<210> 1246
<211> 509
<212> DNA
<213> Homo sapien

```

```

<400> 1246
aaactttcaa agaatcactt ttaggcttac aaaaataaat atttgtcaaa atgttcaata    60
aatattacat aaaactagca gcaaaaagta tctagaaatc tgcgtgtgc aaatagtttt    120
cttcccaact atcattccca tgggtcccaa taaatttttag aatctagtcc catccccttc    180
ctagacaagc tgcgttcaac aatctccaag agacaaaagta agattggaag tttaaggaca    240
cgcacacaag acatatatat aaaattctct gaatgtgcaa taaaagaagt actttgtaaa    300
aagttatggg caaaatgtac aagggcctaa acctagacta attgaaatag caccataaca    360
aatgacctca atactgtcaa gtgcacctac ttaataaaaag ttttagaaca aggcacata    420
cacttgaaaa tctattgcac tttaggaaat ttttgccgtc ttcctatgcc actgtaaaaa    480
gatggagcgt tttgatcacc gcattctgg      509

```

```

<210> 1247
<211> 310
<212> DNA
<213> Homo sapien

```

```

<400> 1247
catatgtgga actattcttg gaaagtctac aaagtgaaat ctatcgagtt atttctcatt    60
tgcaaagtga tcctttgagt catttctcat aatctataat ctgaatgta atactgatat    120
ttttaaaagc cctacatccc aacagaccag gccatctaga tatttcagcg tgggtgtctca    180
ggatgagtaa acaaacagct aaaaatatat gacttatgta aactagagtt acaggagtta    240

```

05845626.050301

ctagcttttc tgaaagggat atattctaag ttttttttct taaaaaaaaa aaaarggggg 300
gggggggggtt 310

<210> 1248
<211> 640
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1248
aaagatataa aactatggag aaaactgcta aagggtatcc ctgaccttta tgatgatgca 60
gctatttttcg aggccaaaaa atcattttac tgggcaagaa aaacatctca ttcctttgtc 120
gtgaatatcc ttgctcaggc tctttatgaa ttattttctg ccacagatga ttccttgcac 180
caactaagaa aagcctgttt tctttatttc aaacttggtg gcgaatgtgt tgcgggtcct 240
gttgggctgc tttctgtatt gtctcctaac cctctagttt taattggaca cttctttgct 300
gttgcaatct atgccgtgta tttttgcttt aagtcagaac cttggattac aaaacctcga 360
gccctttctca gtagtggtgc tgtattgtac aaagcgtgtt ctgtaatat tctctcaatt 420
tactcagaaa tgaagtatat gggttcattaa gcttaaaggg gaaccatttg tgaatgaata 480
tttggaactt accaagtcct aagagacttt tgggaagagga tatatatagc atagtaccat 540
accacttata aagtggaaac tcttggaaca agatttggtt taatttggtt ttgaagtgtt 600
tggnatataa atatgtaaat acatgcttta attgcaattt 640

<210> 1249
<211> 1108
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(1108)
<223> n = A,T,C or G

<400> 1249
caaaataaat ttcaattcaa tgaaaagtaa ataacttagg gatctataaa tgacactgca 60
atgtatcttg ttccattttt aacaggaagt ccttcatgca aatgtgtgag tctcccagga 120
tgcatgaagc tccagccttt tctggtgac tcaatagagc aattgtacct tacaaatktg 180
caaccacctc cctgaaagtc ttctcccacg ttattaagtg caatgyttat ggtaaatgta 240
gaagcatcat gatgaggacg aagagaacgc tgtcgttcag gggagtattt tactacaaaa 300
ttcagtagtg caaatccctt cgtataatag cctgcaaaga ccttcagtgt aactgggtgca 360
atgaactccc ggataaaatg aagccatata ttctccagat caacttgctt catgtggata 420
tcatcagttg ggacattttt ataaccacca gatatacggc tatcatgatg tttttcccca 480
gaccatttgc cgtaattgtt catttcttct accaattcat cacaggnctt tttcagaaaa 540
tatggggaac cmaaaagaca tctggacagg gctgttcaam ctatattttc agtgaaaatc 600
tttgaataat ccmcggttta tatacttttc cttccagtcc acaggatttt caaaaatctg 660
ccagagggtca ttgttataat gggaagtatt gtaattagca gtggataata gccttccaaa 720
ttcatgtcta ttagaaatgt acataaatac accctttggg gggctgagca tttggaatgt 780
ttccggagta ggggagtctt tttccctttg taaagtcatt tctctagcat ttccggcaag 840
agccatatca ggatccagtt tatcacgaac aaaatagctc ctttcattca tctctgatcg 900
gagtgtcttt cctttaatta agtacacatt agccatatat gggacattcc atactcctac 960
tctattccct tgaacaatat ccacataatc ttcagatcgt gcatagtatc catcaggact 1020

09049626 050301

caatgctccc cagaaattgg accacagctt tccatgacga gttacaagag gagcaatgat 1080
 ctttctgttt tgttcaatca aaattttt 1108

<210> 1250
 <211> 567
 <212> DNA
 <213> Homo sapien

<400> 1250
 ctgaatattg aactggaagc agcacatcat taggctttat gactgggtgt gtgttgtgtg 60
 tatgtaatac ataatgttta ttgtacagat gtgtgggggt tgtgttttat gatacattac 120
 agccaaatta tttgttggtt tatggacata ctgccctttc attttttttc ttttccagtg 180
 tttaggtgat ctcaaattag gaaatgcatt taacatgta aaagatgagt gctaaagtaa 240
 gcttttttag gccctttgcc aataggtagt cattcaatct ggtattgatc ttttcacaaa 300
 taacagaact gagaaacttt tatatataac tgatgatcac ataaaacaga tttgcataaa 360
 attaccatga ttgctttatg tttatatatta acttgtattt ttgtacaaac aagattgtgt 420
 aagatatatt tgaagtttca gtgatttaac agtctttcca acttttcatg atttttatga 480
 gcacagactt tcaagaaaat acttgaaaat aaattacatt gccttttgtc cattaatcag 540
 caaataaaaac atggccttaa ctaaaaaa 567

<210> 1251
 <211> 655
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(655)
 <223> n = A,T,C or G

<400> 1251
 gaaagaaacc aatttaatgc caccaaacat aagcctgcta tacctgggaa acaaaaaatc 60
 tcacacctaa attctagcag agtaaacgat tccaactaga atgtactgta tatccatatg 120
 gcacatttat gactttgtaa tatgtaattc ataatacagg ntttaagggtgt gtggnatgga 180
 gctaggaaaa ccnaaggagn aggaaattat nnaaaagaac tgnaggtnaa gtataaaagtc 240
 atatgcctga tttcctcaaa ccttttggtt ttcctcatgg cttctggctt tatattttta 300
 tcacaaacca agatctaaca gggntctttc tagaggatta ttagataagt aacacttgat 360
 cattaagcac ggatcatgcc actcattcat ggggtgntcta tgttccatga actctaatag 420
 cccaacttat acatggcact ccaaggggat gcttcagcca gaaagtaaag ggctgaaaaa 480
 gtagaacaat acaaaagccc tcgtgtgggg ggaactgnng gctcactctt acttggcctt 540
 cattcnaaac aggttgggnc tttcntgcga ngatctctca gggnggtaaa aactttntgg 600
 ntttcaacan aanaggtttg gntgaatgat tactcggcng acacctaagg gatcc 655

<210> 1252
 <211> 672
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 1252

0949626-050304

aaantgcaaa aacccagaag accaataatt ctgaaacttg gcatgagtgt gccagtcag 60
 cagcttgcaa agagaggatg tgtcagttac tacaattgct gtactccttt agctgagtc 120
 ttcaactttc tccttcttgc cagtaaatac tacgttgtaa tcatatgac tgagatctta 180
 gtatcacagg attttttagct cccatgcctc cttcaaaatt gtttacatgg atttgtttct 240
 atttctctgta ggccatattc caaacacatt cacttctaaa tccaacacaa gtgaaggacc 300
 agccaggatg aaacacttca gcaatcattt tgttaaaaat aacatcctgg tcatcaagct 360
 aagcataagc acctcttgta taacaattca tcttaaaagc ttaaagtaca ataataaaaa 420
 taactgcctg aaaactggaa atgaaataca acagaaaaac tgaagcatta gtaatttttg 480
 caagtaaccc aggtacagta cttttgattt catagagggt gttttctgat gtttaaggag 540
 agggtagaag gggtaggaaa acttgccaag gaagatggaa acagcacaac cagttatttt 600
 gcttttaata aagtaaattg aatgacagga gtagggagggt gacaaacaca tcnatatata 660
 tttttcttat gg 672

<210> 1253

<211> 644

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 1253

ccaaattttt gttagaaact tctggtaact tagatggctt ggaatacaag ttacatgatt 60
 ttgggtacag aggagtctct tccaagaga ctgctggcat aggagcatct gctcacttgg 120
 ttaacttcaa aggaacagat acagtagcag gacttgctct aattaaaaaa tattatggaa 180
 cgaaagatcc tgttccaggc tattctgttc cagcagcaga acacagtacc ataacagctt 240
 gggggaaaga ccatgaaaaa gatgcttttg aacatattgt aacacagttt tcatcagtgc 300
 ctgtatctgt ggtcagcgat agctatgaca ttataatgc gtgtgagaaa tatgggggtga 360
 agatctaaga catttaatag tatcgagaag tacacagaca ccactaataa tcagacctga 420
 ttctggaaac cctcttgaca ctgtgttaaa ggttttggag attttaggta agaagtttcc 480
 tgttactgag aactcaaagg gttacaagtt gctgccacc ttatcttaga gttattcaag 540
 gggatggagt agatattaat accttacaag gagattgnag anggcattgaa acaaaaaaatg 600
 yggactattg aaaatattgc cttcgttctg gcggagggtt gctc 644

<210> 1254

<211> 438

<212> DNA

<213> Homo sapien

<400> 1254

aaagggcatt tgagggggagg attattgcta tgaatgaaaa aaatatttta gcttagacta 60
 agctacctgc cttcaaaaata gtttagggac caccaccata ttttattttg tttttatttt 120
 tgaacatttt tctaattgatt tggagagaaa actattttaca aaaattccac atatcagtga 180
 tacaattttc tgctgtcacc aattttttat aatagcagag tggcctgttc taagaaggcc 240
 atatttttta agttatcttt cagggttaaca tggaaatact ataaagtttg atgtcaaact 300
 ttaatatggt ttcatgtgtc tctaattttt tggaaatttt gtagacttta cacctggaaa 360
 aaaagatttg taaaatcacc ggaacaattg tgtgctttat tttataggta gtggttatta 420
 gtattacatc cccatttt 438

<210> 1255

<211> 519

<212> DNA

090406-050301

<213> Homo sapien

<400> 1255

caagcacagg	ggagtttata	gttctgatgt	ctttgacatt	ttccctggaa	cataccaaac	60
cctagaaatg	tttccaagaa	cacctggaat	ttggttactc	cactgccatg	tgaccgacca	120
cattcatgct	ggaatggaaa	ccacttacac	cgttctacaa	aatgaagcat	cttctgagac	180
tcacaggaga	atatggaatg	tgatctaccc	aatcacagtc	agtgtgatta	ttttattcca	240
aatatctacc	aaggaatgac	caggagaata	agatcctccg	atgttcgcaa	tgggtgtggtg	300
tcaggaggct	gcctcttaga	caatctccag	atgtactgtg	atgtgagttt	gaaaaagagt	360
tcctgaagta	ccacatctgg	gagacatgcc	actagctgag	cttcccaaaa	gtctaccaag	420
agctgaggaa	ttgtatcttc	atccttagca	caaagcacct	taaaaacagt	aaaaggagcc	480
tctatattcc	agataaatat	agcactgata	aagcgacag			519

<210> 1256

<211> 178

<212> DNA

<213> Homo sapien

<400> 1256

ccatgcagga	gttcatgatc	ctcccagtcg	gtgcagcaaa	cttcagggaa	gccatgcgca	60
ttggagcaga	ggtttaccac	aacctgaaga	atgtcatcaa	ggagaaatat	gggaaagatg	120
ccaccaatgt	gggggatgaa	ggcggggttg	ctcccaacat	cctggagaat	aaagaagg	178

<210> 1257

<211> 255

<212> DNA

<213> Homo sapien

<400> 1257

gggtccactt	gctgccccat	cattgtatca	ccttccttca	atcttttggc	tgccactctc	60
atgtagggat	ccacggtgag	gaacaaagct	tcaagcagga	cctctccatt	ttttaagggg	120
gggagctcag	atgtcttcaa	ctcaaagtca	ctattagtag	gatagccaac	aaagtgtctc	180
ttcaggggtcc	atgtcttagt	acgaaccatc	ctgaagctca	ggagcccgaa	ggttccactg	240
cctggggaag	gcgggc					255

<210> 1258

<211> 630

<212> DNA

<213> Homo sapien

<400> 1258

aaaactaaaa	gcatacactgc	tgaactccag	ctcagtcctc	ccattttata	atgaggactc	60
tgaagtttat	agaggccaag	gacttgcca	aagctttaga	tatgtagtgt	ctgtgccctt	120
ttcctctaag	tttctcctag	agaatgtggg	ggctcaggaa	cagagaaaat	aagggtgcaaa	180
aagtagaaat	gggtggtggt	tctcaaagtg	tggctccatct	gcatacctagt	gactgggggtg	240
cttggttaaaa	tgcagattgc	tgggccttat	cccaatctga	ccaaatcatc	tcaggatcta	300
ccttttgaac	aaacttgcc	aggtcaaatt	cactctgtg	gaagtttaag	tacttcagaa	360
acaagacagc	cacagaagg	gcacctgcta	atttgggtgc	ttccagtgcc	tcactctgtaa	420
cttctggtga	aatcctgaga	tgtcttactt	tacattgttt	acatcccata	acattccaac	480
athtagaaat	tcaactcgagc	ttatttttct	tacttgttta	gcactaaatg	aaaatagctc	540
cctgaagtta	aggagtttat	atacagtaat	tcatagcaagt	gtgtaaatta	aacagatgac	600
tttccccctt	aatatctaag	gcacagcaag				630

<210> 1259

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<211> 159
 <212> DNA
 <213> Homo sapien

<400> 1259
 aaaattttaca gataaaggca gttcaatact gccactgaga agtacatctc ttaacatata 60
 caacttttcag gccacagttt tgaaggctctg aagtatttaag ttggtttgat gaattagtcg 120
 gttggcactt acgaacacat ttattgcctt gccatcttt 159

<210> 1260
 <211> 115
 <212> DNA
 <213> Homo sapien

<400> 1260
 aaaaatacta taattttcaaa acttccaaat ttcaacagat gccagtgttc tctccttttt 60
 tcatatggga aaattttctt caaaattatt tgacgcttgg acaaaaattc cacag 115

<210> 1261
 <211> 280
 <212> DNA
 <213> Homo sapien

<400> 1261
 aaaatattgt ttatctttat ttattttgtg gtaatatagt aagttttttt agaagacaat 60
 tttcataact tgataaatta tagttttgtt tgttagaaaa gttgctctta aaagatgtaa 120
 atagatgaca aacgatgtaa ataattttgt aagaggcctc aaaatgttta tacgtggaaa 180
 cacacctaca tgaaaagcag aaatcggttg ctgttttgct tctttttccc tcttattttt 240
 gtattgtggt catttcctat gcaaataatg gagcaaacag 280

<210> 1262
 <211> 144
 <212> DNA
 <213> Homo sapien

<400> 1262
 aaattatttg atgagttcca cttgtatcat ggcctacccg aggagaagag gagtttgtaa 60
 actgggccta tgtagtagcc tcattttacca tcgwtgtat tactgaccac atatgcttgt 120
 cactgggaaa gaagcctggt tcag 144

<210> 1263
 <211> 487
 <212> DNA
 <213> Homo sapien

<400> 1263
 aaacatcttg ataatttggt gttgagagct gttcattcta aaatgtaatg aaattcagtc 60
 tagttctgct gataaagatc atcagttttg aaaggttact gattttcctc ttccctctta 120
 gttttttacc caatatatgg agaagagtaa tggccaatct taacattttg ttttaattgt 180
 ttaataaagc tgctgggcag tggcgcagca ttcctaccta gtgtcataaa agcaaaaatac 240
 ttacatagct ttcttaaaat ataggaatga cattacattt ttaggagaaa gtaagttgct 300
 ttgcaccgcc tacttaattc ttttccatat attgtgatac aaacttttga atatggaatc 360
 ttactatttg aatagaaatg tgtatgtata atatacatc atacataagc atatatgtgt 420
 gtgtgtgtgt gtatatatat atatatgcat gctgtgaaac ttgactacac aacataaatc 480

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actttttt

487

<210> 1264

<211> 250

<212> DNA

<213> Homo sapien

<400> 1264

ctgcttcaac	agagtggcag	caaccaagct	ggagtccaag	ccccctgata	aaaggcagcc	60
aatccttctg	tctgtcatca	aacgtttctt	tacagcatta	ttaaaaagga	tcctgaggtt	120
gttcttcaca	gtttctatct	caaaacctgg	aaagagtttc	tccacattgt	catagagggc	180
gtgcaggggt	tcatcccgcac	agtgatgata	tttaaccatt	tccacggatg	caactttgcc	240
atttggtttt						250

<210> 1265

<211> 394

<212> DNA

<213> Homo sapien

<400> 1265

aaatatttgt	tccaaccttt	ttcgttggtg	gcatttatgg	ctttggagca	ctgtcaggcc	60
catgttcatt	accgtgagct	cctgtgcac	tcctaatttc	caaactagcc	tggaaaacgc	120
ctccattgac	catgattggt	tcatggctct	gtgcatggaa	catcatatgt	tcaggagat	180
aaagaactct	gatagtggca	cctgggtaaa	aagtacaatc	cattatatct	ggatatcaag	240
atcttttgca	gttgaagaga	ggtattgcc	cagagaaaat	tataggagca	gaagaaagtc	300
aatgaaagtc	aatgatgaca	ctccattagg	aaccagaaag	atggtattta	tttatacata	360
taataggtgt	aagagattag	aggaagcctg	tcac			394

<210> 1266

<211> 229

<212> DNA

<213> Homo sapien

<400> 1266

ccacagtgtg	atcatatagc	atctctaaca	tttcatctag	gattatctag	tatagatctt	60
actatatttg	gggctatgtt	gtatacaatg	ttaacaagaa	catatcttct	ctgcatatat	120
gtgtgaatta	taaagaaaag	catgagaatg	actctaagtt	caacaaacat	gggtgaatct	180
ctatgtgctc	ccagtgtcct	ggatgggctc	cccagcaagc	cattcctcc		229

<210> 1267

<211> 722

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 1267

aaatcttata	aactttccaa	atcttcatac	taaaatatat	tattgtatta	atacaacta	60
cagtattata	cactacactg	tgtaataaat	aaagaaatat	aaaaataaga	cacataaata	120
taaaagtttt	ctaaaactaa	aagtacatat	gtcagtaaga	agggatttaa	tactgccagg	180
tttgaagaca	tacagtacaa	aatgttgca	cagatctata	aactaaaaga	aataaaataa	240

T03050"92964860

tactgatagg	taaaaatcag	ctaattgttgt	taataaattg	ggtccataat	aactaacatt	300
tggaacacgt	tatgagccaa	ataacaatag	catgtccatg	tctgaaatgc	aagtacatgg	360
ataaagcaga	ttagaaaatt	tccctttcgt	ttctgtagag	aaattctgaa	aatcaatcaa	420
cataaaatca	ataccgagga	attgaaggat	gaaatgtccc	agtgtttcag	tttctctgac	480
agagtcagtg	gttttaagtt	ttatttgagg	attttgatac	aagagacaaa	tcaacaaatg	540
ctagttattg	taggccacac	attggatgaa	ggcgggtag	agccttgaaa	atactgagaa	600
atggcactta	cagcacacag	gtcttgctta	agggcaaagg	agatacaaag	cttcatgnca	660
tatccttcat	atggtaccac	atattcaaac	accatcccaa	cactgatctg	atgattttgc	720
tg						722

<210> 1268

<211> 407

<212> DNA

<213> Homo sapien

<400> 1268

gatgacacaa	gcagctaata	accattttctg	ggttttctgcc	taacccccta	attgtctgtt	60
aaagccaatt	ctctgggtgt	cccagtga	gggtggctttt	tttctttcca	cattggcaca	120
ttcactttctc	ccactcttgg	catgtaagaa	ataagcattt	acataattgg	aaaaatctgg	180
atctctgatg	ccaaaggggt	aaagcttctt	ggatttcatt	tcattgatat	acagccacta	240
ttttattttt	gatcagtgcc	ctttggggcca	ctgttcaggg	tactgaccat	cagtgtcagc	300
attagggttt	tgggttttgt	ttcttttg	tattttctttt	ttggcacatg	tgaatcttgt	360
tttgtgtaaa	atgaaattac	tttctcttgt	tctctgatga	tgggttt		407

<210> 1269

<211> 675

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 1269

ctgaaaaaga	gtgatcctca	atatcctaac	taactgggtcc	tcaactcaag	cagagtttct	60
tcactctggc	actgtgatca	tgaaacttag	tagaggggat	tgtgtgtatt	ttatacaaat	120
ttaatacaat	gtcttacatt	gataaaattc	ttaaagagca	aaactgcatt	ttattttctgc	180
atccacattc	caatcatatt	agaactaaga	tatttatcta	tgaagatata	aatgggtgcag	240
agagactttc	atctgtggat	tgcgttggtt	cttaggggtc	ctagcactga	tgctgcaca	300
agcatgtgat	atgtgaaata	aaatggattc	ttctatagct	aaatgagttc	cctctgggga	360
gagttctggt	actgcaatca	caatgccaga	tggtgtttat	gggctatttg	tgtaagtaag	420
tggttaagatg	ctatgaagta	agtgtgtttg	ttttcatctt	atggaaactc	ttgatgcatg	480
tgctttttgta	tgggaataaat	tttggtgcaa	tatgatgtca	ttcaactttg	cattgaattg	540
aaattttggg	tggattttata	tgtattatac	cctgtcacgc	ttctagttgc	ttcaaccatt	600
tataccattt	tgnacatatt	tttacttgna	aatattttacc	tgncctggcc	ggcctgcgaa	660
agggcgaaat	tcaac					675

<210> 1270

<211> 268

<212> DNA

<213> Homo sapien

<400> 1270

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ccatcctggg cggagctaaa gttgcagaca agatccagct catcaataat atgctggaca    60
aagtcaatga gatgattatt ggtggtggaa tggcttttac cttccttaag gtgctcaaca    120
acatggagat tggcacttct ctgtttgatg aagagggagc caagattgtc aaagacctaa    180
tgtccaaagc tgagaagaat ggtgtgaaga ttaccttgcc tgttgacttt gtcactgctg    240
acaagtttga tgagaatgcc aagactgg                                268

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<210> 1271
<211> 307
<212> DNA
<213> Homo sapien

```

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<400> 1271
cctactcttc tccgtccatt gtactatctg cccgtggtgg ggatggcagt aggatcatat    60
ttgatgactt ccgagaagca tattattggc ttcgtcataa tactccagag gatgcgaagg    120
tcatgtcctg gtgggattat ggctatcaga ttacagctat ggcaaaccga acaatttttag    180
tggacaataa cacatggaat aatacccata tttctcgagt agggcaggca atggcgtcca    240
cagaggaaaa agcctatgag atcatgaggg agctcgatgt cagctatgtg ctggtcattt    300
ttggaggg                                307

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<210> 1272
<211> 798
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

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<400> 1272
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agttcagact ttccataacc acagccaagc agtaactaaa attaggatct taattttcaa    180
tgataaaagg tctaaggttc atttaattat gtccttttaa cactgtcttt ctagattttt    240
caccagtat tttcaaaatt tgggaatgta aacaattgat atatttattg tatgttggct    300
agcagttcat ccttctgcaa aatatgcatt cagagaaatg tgaagcttgt tttaatgaag    360
acttaaacca tttgtgtcat ttgtgttttc atattcaaat acaccaaatt aaaattctga    420
acctatattt ttcatcatta acttccta ataccagaac atatacctt ttcattgtaaa    480
gttggaatg ggatatggca gttttatttt tgaaaaatat gtaacatgac tttaatat    540
ttatagtttt cagaattaga aacataggaa gggaaaatgt tttaattaga taagtcaact    600
ttttatgggc tgnagtggng actataatag caaattataa agcattatta aatggttata    660
ataattttta tattacctca ttatgaatta actaaaataa agnggagtga tattttta    720
gggtgntcat actggagctc ctgagatata tgatttgcta ttgactcact ggntgattga    780
ataatatatt actcgcgg                                798

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<210> 1273
<211> 664
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

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<400> 1273

aaaatataacc	ttttcacagg	tagcaagaaa	tagtacatgt	aataagtctt	tatgactgga	60
atgatccaga	aatatcacaa	agcatgagta	aacacatata	taaaagtagc	tcatcatttc	120
caaaagttaa	ccttttagcct	ttgtgtaaaa	taaatggtgc	caacaatctt	tataatgtag	180
caagctttcc	ctgtttaata	tccaaaaaat	ggaggggtggg	gaggttgaag	aaaaataaga	240
aaagttagca	aataagatag	tgaaaagacc	aatgcagaga	aaagtttatg	taatcaaatc	300
ttgctttgtc	tccacattat	cacattttta	gtggataaat	ttatgtaaac	agaaaaagat	360
gtccacaaaa	ccatatctat	agatgtcatt	tggaagcatc	aagaaattga	taagtatgtg	420
gtgaattaaa	attactttta	taatgttttg	ctttcattaa	tgtttgttat	tgcaaaaatg	480
taagatttcc	tacaattttg	tcttcaaadc	ccaatctagc	ccttcaaact	tttatccagg	540
ttctccagaa	tatttgaggt	ctttgttatc	aaagcacaa	gaaagctggc	attcattatc	600
agacttcgct	gctttacaat	ganttcaa	catttcatga	tacaaataaa	gtgcctctga	660
ctgg						664

<210> 1274

<211> 153

<212> DNA

<213> Homo sapien

<400> 1274

ccacaataaaa	gtttacttgt	aaaatttttag	aggccattac	tccaattatg	ttgcacgtac	60
actcattgta	caggcgtgga	gactcattgt	atgtataaga	atattctgac	agtgagtgc	120
ccggagtctc	tggtgtaccc	tcttaccagt	cag			153

<210> 1275

<211> 504

<212> DNA

<213> Homo sapien

<400> 1275

aaaattctga	taaaaattta	ctcaattaca	ttttatacat	taatatattag	tgaatttgtc	60
caaaaaggct	atgtttaatt	tatgtgtaaa	aataacaaaa	gatgtatcag	tcagtctctg	120
ggcaataaga	aaggaagaaa	gccttgctag	aaataataaa	taatctcacg	caaaaggcca	180
ggtgacataa	gaatactaca	ataatcaata	tgttttcttt	gtattttaca	taaaatccat	240
ctgttaacac	tgtgatagaa	aaaataatca	gtccacatca	tgtaataaaa	acaggctttg	300
aggatgatta	tacctottat	aataaaaaaca	tacaaggatt	tctcacagct	aaagtacttt	360
tcaactttga	caactaatga	cagtcatggg	tgaaggtaaa	actgacagag	tacttttagat	420
cagctatgtc	ctacagtcaa	ggaatcaagg	gcattaccca	tttaccaagc	agcaaaaagc	480
actttcat	ttccagaact	at				504

<210> 1276

<211> 533

<212> DNA

<213> Homo sapien

<400> 1276

gacaatgatg	tcactgtttg	gagcccccag	ggcaggattc	atcaaattga	atatgcaatg	60
gaagctgtta	aacaaggttc	agccacagtt	ggtctgaaat	caaaaactca	tgcagttttg	120
gttgcatgta	aaagggcgca	atcagagctt	gcagctcatc	agaaaaaaat	tctccatgtt	180
gacaaccata	ttggtatctc	aattgcgggg	cttactgctg	atgctagact	gttatgtaat	240
tttatgcgtc	aggagtgttt	ggattccaga	tttgatttcg	atagaccact	gcctgtgtct	300
cgtcttgat	ctctaattgg	aagcaagacc	cagataccaa	cacaacgata	tggcgggaga	360
ccatatggtg	ttggtctcct	tattgctggt	tatgatgata	tgggccctca	cattttccaa	420

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acctgtccat ctgctaacta ttttgactgc agagccatgt ccattggagc ccgttcccaa 480
tcagctcgta cttacttgga gagacatatg tctgaattta tggagtgtaa ttt 533

<210> 1277
<211> 78
<212> DNA
<213> Homo sapien

<400> 1277
ccacaggaag ttgcaaaaat tagatggact ctgtgtagct agccactctt gagtgtcagg 60
tctgcatatg tgagtttt 78

<210> 1278
<211> 560
<212> DNA
<213> Homo sapien

<400> 1278
aaatatctaa aacaatggcc cactgaagaa aggaacaatt aactctttaa ttaattcctt 60
aggataagta cccagaaatt taacagctag ggcagacttc taatacaata ccgaaagtcc 120
ttccaaaaac caagtgggtg ccaacttatg tcccttagca ttataacatt cttgagccaa 180
tagtgtaaaa atacgctgac aattttatag gcaaacatta ctcaaggat cttactttcc 240
acttattact aaagtaatta acccctaaat agatgctcct caacagtggg actacatcct 300
ggtaaaccta tcataagttg aaactatcaa gttgaaatgc atttagtacc cggataaacc 360
tatcataaag ttgaaaattt gtaaatgaa ccagtgtaaa tcagaggcca tcttacttca 420
tactcatgaa gcaactatag tgggatattt ttcaacttac gagatagcct aggcttggtg 480
aaacactgtc ctaatttact ggctctctgg taattaagtc ataatgggtc aaacatcaaa 540
ttctagaaaa gcatatatat 560

<210> 1279
<211> 580
<212> DNA
<213> Homo sapien

<400> 1279
aaaggagatt gtttcaaaat atttttgcaa attgagataa ggacagaaag attgagaaac 60
attgtatatt ttgcaaaaac aagatgtttg tagctgtttc agagagagta cggatatatt 120
atggtaattt tatccactag caaatcttga ttttagtttga tagtggtgtg aattttatatt 180
tgaaggataa gaccatggga aaattgtggt aaagactgtt tgtacccttc atgaaataat 240
tctgaagttg ccatcagttt tactaatctt ctgtgaaatg catagatatg cgcatgttca 300
actttttatt gtggtcttat aattaaatgt aaaattgaaa attcatttgc tgtttcaaag 360
tgtgatatct ttcacaatag cttttttata gtcagtaatt cagaataatc aagttcatat 420
ggataaatgc atttttatatt cctatttctt tagggagtgc tacaatggtt tgtcacttaa 480
atttcaagtt tctgttttaa tagttaactg actatagatt gttttctatg ccatgtatgt 540
gccacttctg agagtagtaa atgactcttt gctacatttt 580

<210> 1280
<211> 307
<212> DNA
<213> Homo sapien

<400> 1280
aaacacatac gaagaaatca actgtgatta tgaagtggca gccagctaaa tatgtcttgt 60
atttgctctc ttcctttttt tgcctaactc atcctttact tccattcctg cttccatggt 120

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aatgcaggct caaataaatt actaggatac aagattactt caagcctctt ttctgtggaa 180
 ctcataatat gataagcatt tggtacaaga ttgcctgtag ttgttttaggg gataaattat 240
 attagggaaa gaaagtcttt ctttagttgg ttaaattttc tattataatt gggtactaaa 300
 tttatttt 307

<210> 1281
 <211> 235
 <212> DNA
 <213> Homo sapien

<400> 1281
 aaaatatttt aatagttaca tagcacttta gtttgctgat ttaatttatc ccaagggaca 60
 aggatgttaa tgagaaaact gactagattt cagatcacag attttaagag aacaaggatc 120
 tcaaaaccaa ataccctctg cttaaagtgt tttttgtgtt tttcactact gaaaatgttt 180
 agagattgac ttacctattg ctgatactca aaacatctga tatcttaata ttttt 235

<210> 1282
 <211> 230
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 1282
 aaagaatttc tttataagat tkactgtmta agattaatag cattcgaaga tccccagact 60
 tcatagaata ctccaggaaa gcattttacct csgtcgctga ccackctarg ggcsawggcc 120
 agcacactgg cggccgttac tagtggatcc gagctcggta ccaagcttgg cgtaatcatg 180
 gtcatagctg attnctgtga ggtaccagat tgccctgtagt tgtttagggg 230

<210> 1283
 <211> 638
 <212> DNA
 <213> Homo sapien

<400> 1283
 aaacacaaca gctataaacc tgaacacata tgctatcatc atgccataag actaaaacaa 60
 ttatatattag cgacaagtag aaaggattaa atagtcaa atacaagaatga aaaacgcagt 120
 acatagtgtc gogaactcaa atcggcattt agatagatcc agtggtttta acggcacggtt 180
 tttgcttata aaaaaagtgc aaaaaagatg tggtttacia gttaaagcta cagaatccct 240
 ttttgctgta attgcaccag ttttaaagcc tctggacaga gcagtatttc gtttaaaact 300
 ttgttyttct taaaagctta cagtgttttg ctaattctcc tcyccttttt acaagacggg 360
 ggccggaggg tggacactgg tggcagggtta agggatactg tcaactttaag aagcctgcag 420
 attgaagtgt aaacatggag aaattagggg ctgatttttt aaactgtgtg agatattaac 480
 cagccgccct gttataaaat caggaaatcc aaacagcgat ttacaccgat taacaccccc 540
 tttatatatt ttttcaaaa atactctgag aaaataatca aacgttttca tctctcttgt 600
 ctttttttgt tttttaaaag tgtcaaaagt ctacattt 638

<210> 1284
 <211> 745
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 1284
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 cacaagagaa gttaatttct taacattgtg ttctatgatt atttgtaaga ccttcaccaa 180
 gttctgatat cttttaaaga catagttcaa aattgctttt gaaaatctgt attcttgaaa 240
 atatccttgt tgtgtattag gtttttaaata accagctaaa ggattacctc actgagtcac 300
 cagtaccctc ctattcagct cccaagatg atgtgttttt gcttacccta agagagggtt 360
 tcttcttatt tttagataat tcaagtgcct agataaatta tgttttcttt aagtgtttat 420
 ggtaaactct tttaaagaaa atttaatatg ttatagctga atcttttttg taactttaaa 480
 tctttatcat agactctgta catatgttca aattagctgc ttgcctgatg tgtgtatcat 540
 cggtgggatg acagaacaaa catatttatg atcatgaata atgtgctttg taaaaagatt 600
 tcaagttatt aggaagcata ctctgttttt taatcatgta taatattcca tgatactttt 660
 atagaacaat tctggcttca ggaaagtcta gaagcaatat ttcttcaaat aaaanggggt 720
 taaactttaa aaaaaaaaaa aaaaa 745

<210> 1285
 <211> 190
 <212> DNA
 <213> Homo sapien

<400> 1285
 cgacggtatc gataagcttg atatcgaatt cctgcagccc gggggatcca ctagttatta 60
 atagtaatca attacggggt cattagttca tagcccatat atggagttcc gcgttacata 120
 acttacggta aatggccgcc accgcggtgg agctccagct tttgttcct ttagtgaggg 180
 ttaattgcgc 190

<210> 1286
 <211> 153
 <212> DNA
 <213> Homo sapien

<400> 1286
 ctgcatcttt ctacaattct accagcaata tatgagggtt acaatttctc yccatctttg 60
 tgaacgcttg ttagagtctg tctcttttcc ttccattctg tgggttggtt ttttactttc 120
 taaatggtag aaccttcaaa gcacaaaggt ttt 153

<210> 1287
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 1287
 aaaaacacaa aacactagaa cagttgctat gaaattactg ataatgatcc ctttaataaa 60
 ctgcaattaa ccactaatat agaaattcaa tttaagcaag aagttttata tattatactt 120
 tacagaaaaa aataattttg aaaaagtaat gmcaaacaga gatcaaacaat ttagggcatt 180
 agttactgca ttctcttttt agaataata ttaagtaaca ctagtaaaat tt 232

<210> 1288

<211> 90
 <212> DNA
 <213> Homo sapien

<400> 1288
 aaacttagtg actatthtagt tcaattgytc atccattttt tatttgcttt tataattgcc 60
 tccttgthttt ggtatattgt aaaataattt 90

<210> 1289
 <211> 670
 <212> DNA
 <213> Homo sapien

<400> 1289
 aaatcacaaa gtaaggcacc attggattaa acattttctcc tggcttttac taagtaaaat 60
 gcatagtga ataaatactg aacactgagt tttaatactg taatacattt caatataaaa 120
 taagaggtga atgttaaaat actgtattac atgttgaata catttatctg aaaatgttat 180
 aaaaaaacac acatgtaagc tctgatttca gggaagaaaa attcattttt gtaattttcc 240
 atagtttaag atttttaccac agaacttatt catagtttta gatgcaatta ggttgcaaac 300
 tttcaaagaa aggggtgtag tgtattaatg aaacagtcac ttaaactacta cattctaaaa 360
 caatctattc tggatgaatg gcaactttga gctatcacc tgtttcagat ttagaacggt 420
 acctgccaag ttcagatatg caaaggaatt gtccaattct tactaccctt tataaaattc 480
 agactcactt tctctgagtc agacttttct cgtcatatt ttctaggaag ggcaaattcc 540
 atcttttgtg aaatgggtca ttaggcttta tcatagggat gtttttctact gttgaaatca 600
 gataaaagaa tcccaaataa atgatgctgc taaattacca aactgctaga gattaaaaaa 660
 attttttttt 670

<210> 1290
 <211> 352
 <212> DNA
 <213> Homo sapien

<400> 1290
 aaacaatgct acacccattt ttggcaaaagt gctgtattgt tcagtctgtg tacaaaactg 60
 accatctatg aaccaatcag tataaaaaat ttctataaaa acaaaattta gacagtggct 120
 caagaaaaca agctgccatt tatgcataga ttgatgtaca gtaacctaac caaatgtccc 180
 ttttgaattt tcaagttact gaaaaaaaat gtgtcgagaa acacattaag aaggcacatg 240
 tacagtctac aatactcttc agtctcccta actcatgccc tgcccctata aaggaaatat 300
 gttcacaatt ttacttgaga aaaaaaaaca aagccactta aaaaaaaaaa aa 352

<210> 1291
 <211> 99
 <212> DNA
 <213> Homo sapien

<400> 1291
 aaaaattatt taaggtaatg gtgttacgaa tggtttaaaa atgtctggtg acttgcttat 60
 ttttaagtga tcaccattaa gtcagaaaaa tgtattttt 99

<210> 1292
 <211> 295
 <212> DNA
 <213> Homo sapien

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<400> 1292
 aaatatacct ttattttctca aactcaaagc tttatcaagt tctaacacat tttgcattga 60
 caagtgattt tatctgcac aagtaagggt agtgaccacc acgaaagagg aatccccaga 120
 cctcctaggc actaagaaat atttcaaagg ctatgcaaat atagaacaaa aagctttcaa 180
 tttagtctaa ttgggtatcta tttttcatct atattaattt ggaaataagt tgctacctta 240
 gaaaaattac atttttatcc attaaaataa aacaccagat aggttgaggt ttttt 295

<210> 1293
 <211> 256
 <212> DNA
 <213> Homo sapien

<400> 1293
 agattcactt caaagtgaaa atgacaacac atctcaagaa actcaaagaa tcatactgtc 60
 aaagacaggg tggtccaatg aattcactca gggtttctct tgagggtcag agaattgctg 120
 ataatacatc tccaaaggaa ctgggaatgg aggaagaaga tgtgattgaa gtttatcagg 180
 aacaaacggg gggtcattca acagtttaga tggtcttttt attttttttc ttttccctca 240
 atcctttttt attttt 256

<210> 1294
 <211> 90
 <212> DNA
 <213> Homo sapien

<400> 1294
 aaaatactta gctttattaa agacatggta ctaaaaataa cagattccaa catttgctct 60
 atttctactt atatatcata aataagacag 90

<210> 1295
 <211> 519
 <212> DNA
 <213> Homo sapien

<400> 1295
 ctgtcgcttt atcagtgcta tatttatctg gaatatagag gctcctttta ctgtttttta 60
 ggtgctttgt gctaaggatg aagatacaat tcctcagctc ttggtagact ttgggaagc 120
 tcagctagtg gcatgtctcc cagatgtggt acttcaggaa ctctttttca aactcacatc 180
 acagtacatc tggagattgt ctaagaggca gcctcctgac accacaccat tgcgaacatc 240
 ggaggatctt attctcctgg tcattccttg gtagatattt ggaataaaaat aatcacactg 300
 actgtgattg ggtagatcac attccatatt ctctgtgag tctcagaaga tgcttcattt 360
 tgtagaacgg tgtaagtggg ttccattcca gcatgaatgt ggtcgggtcac atggcagtg 420
 agtaaccaaa ttccaggtgt tcttggaac atttctaggg tttggtatgt tccagggaaa 480
 atgtcaaaga catcagaact ataaactccc ctgtgcttg 519

<210> 1296
 <211> 419
 <212> DNA
 <213> Homo sapien

<400> 1296
 aaagcaaaca gcagaaacca gaagcttctg accctctaac atgtattact gtccaaccca 60
 ccatgagaag tatgttact tggtgacaac aaagagactc cgtatcatat gtatgttaat 120
 gaccagattg ttcatatggg atttttctta acagattatc aggttgagaa tgattctttt 180
 tctccaaggg caagaaaaag ctggctaagt gctagttaat taaatccatt ctcaattttg 240

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aactgtagag aagaacctga cttgaatgag attttctaaa ggaagacatt tcttgctcaa 300
 cctcaggtat aattagatta taaggaatct cacgtccaga attttatctg ctgattgtta 360
 gtatggtagg taattggcct taggacacta tttctactag aaccctttac attattttt 419

<210> 1297
 <211> 199
 <212> DNA
 <213> Homo sapien

<400> 1297
 cagggtctgaa gatttttacat gcagatacca gataccttaa cttgtatttc tttagtcac 60
 ttttggttg gaagtttctt ctgtgtctt tgctgaatcc ttcgctttac ctccattctt 120
 aggtgctttg gagctggaag cagccttctt gcacttatcc tttgctgtgt tctgtgaggt 180
 ttctgtagtg gagggacag 199

<210> 1298
 <211> 484
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 1298
 aaatacactt gaaaagtaaa atgtttttct agcttttccc tcagggcgta acaccacacc 60
 attcataaca atgctatttt ccaaagggtt caattagatt tcctcagaag catacctgaa 120
 ctgttaatca ttacaactcc tttgtgaaac atgggactgg ttgattaccc agtgtaatca 180
 ctggctgaaa cctcagcaca ctgtttttca cccagtgga ggcaggtttt cacctcccct 240
 ctagctgtac ccctctctta atgccatat tagagaactg tgatcttctt tctccactag 300
 aaatgttcac tttcatcagg taagggataa aacaaaaaca agagacagaa gatcttaaaa 360
 aaaaaaatag taatagggca agtaaactca gtgagggttag aggaatttgt ttggggggca 420
 ttctatgttg ttagytncat atcatgttca gtttgntggt tctaganccc tctgaaatgc 480
 atta 484

<210> 1299
 <211> 419
 <212> DNA
 <213> Homo sapien

<400> 1299
 aaagtccatc tttgcaaatt atacgttgct ataaatacat tgtgtatttg gcattatgtg 60
 aatttgttta atccagtgtc aattgtctaa tgggtctaaag tgtccatttg aagttataat 120
 ctggatgaac tgaacaataa gagaagtttt cttcattagc ccaattgttt atcactcaat 180
 tcctactcct gcccatgggt tcttccacct tcctctggag aacataaaga gattctagat 240
 ctctgtataa ggtgggttgc tttagcttga aatcatcagt gaggattata catgggcaat 300
 gtccagaaat cacattattg ctcatagacc gtgtagtctt gatctaacgg ataactgtac 360
 attgtcttca ctaagaagct aggggtggtg tccttgatat tgggacattg tagacttg 419

<210> 1300
 <211> 182
 <212> DNA
 <213> Homo sapien

tcatatccgc catagccact atagttttga tcaccaccat aggcaactatt gtaatttcca 120
tacccttgat cataatagtt attaaatcct tgggtccagt tttggccctg 170

<210> 1305
<211> 468
<212> DNA
<213> Homo sapien

<400> 1305
aaaaataaat atttatactc cagcttttgt gtatttggtg tacatcacca cttatgcaaa 60
tcaaggatca gaaaactgga ggtagccat ctccattatt tccttttgca cattgggtac 120
agtgggtggc attagtatgc actagctgca aagtcacagc accttatgga aataagtatg 180
tttattataa taataaaaaag ttaagctgca tctctgtaga ttatttactt tgcagactgt 240
aaagctgccc tatcttttcc agcagaattt actcttccat tcttaattct tttttgaaat 300
atcttaataa atttaacatt cctttataac ttcttaacag tgtcaaaact ggggtagaag 360
ggattttatt ttttcccaa agggttccat ctttgctatc tgttgatcag ccttagaaaa 420
tctaagtatg atcaataaat tttaatgggt gatggcatcc tgtgtcag 468

<210> 1306
<211> 326
<212> DNA
<213> Homo sapien

<400> 1306
tggtaaagaa ctacctgtta atgcacaaaa ctatgtgcga tttattgaag atgagcttca 60
aattccagtt aagtggattg gtgttggtta atccagagaa tctatgattc aactctttta 120
atgattgcca gtaatgcaag aaacactcct tgagagggag gggaaaagac tttcttaaatt 180
atttcattta tgacctgcaa attcaagaat aaagacactg aagtaagttt gaagccctac 240
agytgtttcc agtcttttca gatggatgcc tactgtggag attaactttg gcatattcca 300
gtgtcagctt tctttagctg gaattg 326

<210> 1307
<211> 614
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 1307
aaaaattatt actgtaagaa atagttttat aaaaaattat atttttattc agtaatttaa 60
ttttgtaaat gccaaatgaa aaacgttttt tgctgctatg gtcttagcct gtagacatgc 120
tgctagtatc agaggggag tagagcttgg acagaaagaa aagaaacttg gtgttaggta 180
attgactatg cactagtact tcagactttt taattttata tatatatata ttttttttcc 240
ttctgcaata catttgaaaa cttgtttggg agactctgca ttttttattg cggntttttt 300
gttattgttg gttttatacaa gcatgcgttg cacttctttt ttgggagatg cgygtytgyt 360
gatgttctat gttttgtttt gagtgtaggc tgactgtttt ataatttggg gaggttctgca 420
tttgatccgc atcccctgtg gnttctaaag gggatggnc cagnaactg ttgcatggat 480
cctgtgtttg caactgggga ggacagaaac tgggggtgat agccagtcct gccttaagaa 540
catttgatgc aaagaatggg accctgcccc ggggccgggn cccctccgaa anggggggga 600
aatcccang cacc 614

<210> 1308
 <211> 304
 <212> DNA
 <213> Homo sapien

<400> 1308
 ctgtcttttg gaggacgtac gtaataaggt ttttaatttag taaaccaatc ctatgcatag 60
 tttcagcact agccaaacct caccaactcc tagttctaga aaaacaggca cttggcagcc 120
 ttgtgatgtc atacagagaa gtcacaggca gtacctgagg gtctgtaggt tgcacacttt 180
 ggtaccagat aacttttttt ttctttataa gaaagcctga gtactccaca ctgcacaata 240
 actcctccca ggggttttaac tttgttttat tttcaaaacc aggtccaatg agctttctga 300
 gcag 304

<210> 1309
 <211> 289
 <212> DNA
 <213> Homo sapien

<400> 1309
 gggattttcca attaacagta ttaccagata aatattcttg gtccaagcag aaaatatcaa 60
 caaaaagagc cttcttctcc tgtaaatctt aaatgcctac atcactcttt atgatacatg 120
 gatcatctta tgtggatact taaatttttc atgtctgctt cttttgcctc tcccaactat 180
 actatgagga aattcggaac aaagacattt ttgtaaatatt tcttatctcc ttcacaccta 240
 gtatagagct gattttacaa aggcatttaa gagatatttg aattgattt 289

<210> 1310
 <211> 534
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(534)
 <223> n = A,T,C or G

<400> 1310
 tgctttgcat tttctgatgt attacatgac tgtttctttt gttaaagagaa tcaactaggt 60
 atttaagact gataatttta caatttatat gcttcacata gcatgtcaac ttttgactaa 120
 gaattttggt ttactttttt aacatgtgtt aaacagagaa aggggtccatg aaggaaagtg 180
 tatgagttgc atttgtaaaa atgagacttt ttcagtggaa ctctaaacct tgtgatgact 240
 actaacaaat gtaaaattat gagtgattaa gaaaacattg ctttgtgggt atcactttta 300
 gytttgacac ctagattata gtcttagtaa tagcatccac tggaaaaggt gaaaatgttt 360
 tattcagcat ttaacttaca tttgtacttt agagtatttt tgtataaaat ccatagattt 420
 attttacatt tagagtattt acactattga taaagtttgt aaataatttt ctaagacagn 480
 ttttatatan gctacagggg gccctgattt tcttattgaa tttggttaga ctag 534

<210> 1311
 <211> 114
 <212> DNA
 <213> Homo sapien

<400> 1311
 aaaatttgta ggagttgtag actacctaaa tttttaagtt atggyatttg gtcataggtt 60
 gactgggtag gtaaagaagg aaacagacaa gaaaatggct tcttgagggtg gcag 114

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<210> 1312
 <211> 95
 <212> DNA
 <213> Homo sapien

<400> 1312
 gggcgggtaa aggtaggccg cgagagcgag gttaggagag gataggaggc cgcagtactg 60
 ctcacacgct ccgctcttct cccactctcg actct 95

<210> 1313
 <211> 519
 <212> DNA
 <213> Homo sapien

<400> 1313
 aaatgataca gtatttttagg tatgatttaa gactatgatt tacctataca ttatatatat 60
 ttataaaaga tactaaacca gcataccctt actctgccag agtagtgaag ctaattaaac 120
 acgtttgggt tctgaataaa ttgaactaaa tccaaactat ttcctaaaat cacaggacat 180
 taaggaccaa tagcatctgt gccagagatg tactgttatt agctgggaag accaattcta 240
 acagcaaata acagtctgag actcctcata cctcagtggg tagaagcatg tctctcttga 300
 gctacagtag aggggaaggg attgttgtgt agtcaagtca ccatgctgaa tgtacactga 360
 ttcctttatg atgactgctt aactcccccac tgcctgtccc agagaggctt tccaatgtag 420
 ctcagtaatt cctgttactt tacagacagg aaagttccag aaactttaag aacaaactct 480
 gaaagaccta tgagcaaatg ggctgaatac ttttttttt 519

<210> 1314
 <211> 518
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

<400> 1314
 ccatgggtggg tgaagacgct gatctgccct gtcacctggg gtttttttatg agtgcagaga 60
 ccaggagct gaggaacccc gagytccagc ctaaggcagg tggatgaacgt gtatgcagat 120
 ggaaaggaag tggaagacag gcagagtga ccgatcagag ggagaacttc gattctgcgg 180
 gatggcatca ctgcagggaa ggctgctctc cgaatacaca acgtcacagc ctctgacagt 240
 ggaaagnact tgtgttattt ccaagatggn gacttctacg aaaaagccct ggtggagctg 300
 aaggttgtag gtgagcctcc aggttttnt ctgagaacac ttctctgtag gatctanagc 360
 agatgcagag tccctcttcc aaaagtactg cagacactcc tggctgctca ctagcaatng 420
 tctgcactgc ctcccaactn agcttctctg caacccttaa gaaagacaca ttctttcttt 480
 agaaagaatt cctgctgnac cttacatgcc gaagtaaa 518

<210> 1315
 <211> 360
 <212> DNA
 <213> Homo sapien

<400> 1315
 tctgtgcatc caatttatta tagwtttgta agtaacaata tgtaatcaaa cttctaggtg 60

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acttgagagt	ggaacctcct	atatacattat	ttagcaccgt	ttgtgacagt	aaccatttca	120
gtgtattggt	tattatacca	cttatatcaa	cttatttttc	accagkataa	watcttratt	180
tytacgacct	atcattctga	atcaagmaca	ctgtatgttc	agtaggttga	actatgaaca	240
ctgtcatcaa	tgttcagttc	aaaagcctga	aagtttagat	ctagaagctg	gtaaaaatga	300
caatatcaat	cacattaggg	gaaccattgt	tgtcttcact	taatccattt	agcactattt	360

<210> 1316

<211> 277

<212> DNA

<213> Homo sapien

<400> 1316

aaaaaacacg	tttgttatta	ccaaawagag	acggcttttag	gtaaaaataa	taaaaaccct	60
ttgcttgyat	tacytatgca	ratagttsta	tttatctggw	cwacgggyta	aaggyacagy	120
actataggwc	tctggcttga	gtmtttacgt	tcattttctta	ttgctggaat	ktcatatttc	180
ttcttggttg	atgactaaac	cggatgatgg	tagagatggg	aagccggcat	ttactcagcc	240
ccgcctgct	cagcctcggg	agcggacgaa	ttctcag			277

<210> 1317

<211> 716

<212> DNA

<213> Homo sapien

<400> 1317

aaaatgttct	cttgagacta	gtaggcatag	aagaaagcag	aaggaaaata	aatagaaaga	60
aggtcttcta	ccttcatggc	tattcagggt	caggagggtg	gagagaaaaa	gaaggaggac	120
aatgaacaa	gacagatgag	ggagacatcc	tctctgatat	aagatacagt	cctctctggg	180
ggatggagtc	caatttgtgt	aacttcctat	gtattttcct	agataggacc	accactattt	240
gagaaaatat	ctcactggta	acctaaagcc	aaggataata	aaccttgata	tacttaacat	300
tcaatttctt	tccagcaatg	tgataaataa	atctatcttg	tgtttctctt	gcagattgta	360
aaagcattag	aacattttaca	tagtaagctg	tctgtcattc	acagaggtaa	gcacccatga	420
gtgccttgg	ctgttccttt	gataaagttc	atctctttca	cctggagtcc	gtctctaccc	480
ccagtcctcc	atgggtggaa	gtagaattga	ctcaggcaag	agaactaagg	ggctttcctt	540
tgagattgga	tagcaaacca	tataagtagt	attccttatc	atggctgagg	acataagaag	600
aagacgtgat	ctttgtctta	catccaaatt	gaatataaac	acttggtagc	aagcagaact	660
atgagatcat	atcattgaga	attttagaga	atatgataaa	aattgatctt	gtctgg	716

<210> 1318

<211> 515

<212> DNA

<213> Homo sapien

<400> 1318

aaagctgtat	catgttgagt	aaacctgacc	tgagccagcg	gtttaaggcg	attttgctcg	60
atgaagggtca	agacgtgaac	ccggctcattg	ccgacttggg	aaggatacag	cgcactctgca	120
aagtaaccgt	cggcgaccct	caccagcaga	tttaccgttt	ccgtggtgcc	gaagacgctc	180
tcaacagcga	ttggatggcc	gatgcagagc	gtcactacct	gaccagagc	tttcgcttcg	240
gtccagcagt	cgcgcagtgt	gctaacatca	tactttttta	caagggtgaa	actcgaaagc	300
tgcaagggtt	aggcccaaaa	accaggtta	aacgtgcgct	tcctgaagac	ctaccgcac	360
gcacatacat	ccatgcgacg	gttaccggcg	tcatagagaa	cgcgcttagc	ttggtagcga	420
gcaatccaaa	gatctatttg	gtaggtggca	tcgacagtta	ttcattgcgc	gacctggaag	480
acttgatatct	gttcagccgc	aaccaaaacc	aagcc			515

<210> 1319

cggtctcccc cttagatccg cgctatcgtg aggtccacta tgtcctgctg gatccttcc 120
gcagtggctc gggtagatg gtgagaaggc gtggctgagg gactcagagg tccacagcag 180
cttagacctg gagtcatctg ttttggtctt agttctgaca ctttaatggg cttgggaccc 240
tggagcaaaa gttctcctct gtgaagcgag gatttcagga gcgaggattt caggactgag 300
gcagcctgtg aagctgtgta accgagacac gcttttcctt aggtatgccg agcagacag 359

<210> 1324
<211> 258
<212> DNA
<213> Homo sapien

<400> 1324
caatcacaca accacaaaaa agatactgtg tgctctcact ttccaaaatt ctgcctgggc 60
tmctcctgag gaaagyagtg atatggtagc tgggtggtgat cccttaaagg aattataaga 120
tggartgyga rgaacattat cttagactat aakactgkct gcatrcrgat atgktstcra 180
agattattcc tgctgcraat aaagakmttg skaaagagca rtatasagct atcacagtct 240
attgacccam asatgttt 258

<210> 1325
<211> 534
<212> DNA
<213> Homo sapien

<400> 1325
ctgtccaatg gcaacaggac cctcactcta ttcaatgtca caagaaatga cacagcaagc 60
taciaatgtg aaaccagaa cccagtgagt gccaggcgca gtgattcagt catcctgaat 120
gtcctctatg gcccgatgc cccaccatt tccctctaa acacatctta cagatcaggg 180
gaaaatctga acctctcctg ccacgcagcc tctaaccac ctgcacagta ctcttggttt 240
gtcaatggga ctttcagca atccacccaa gagctcttta tccccaacat cactgtgaat 300
aatagtggat cctatacgtg ccaagcccat aactcagaca ctggcctcaa taggaccaca 360
gtcacgagca tcacagtcta tgcagagcca cccaaacct tcatcaccag caacaactcc 420
aaccctgtg aggatgagga tgctgtagcc ttaacctgtg aacctgagat tcagaacaca 480
acctacctgt ggtgggtaaa taatcagagc ctcccgggtca gtcccaggct gcag 534

<210> 1326
<211> 177
<212> DNA
<213> Homo sapien

<400> 1326
ctgcattatg tgtgtttaga acgagaagtt gtttgtacag tatttttcta ttgaccgctt 60
ccgtcttgcc tgaaacctgg gcattctttc caatagacag aaaatcagag agtcaaactc 120
gatgcgcaat gagttgttct gagaccagta atccacggtg ctgcaatttg ggttttt 177

<210> 1327
<211> 266
<212> DNA
<213> Homo sapien

<400> 1327
aaacttgttt tatctaatac tgagcactgt tttttgtca agtatttttt taagaccaca 60
taattctttt tgtctgctca aggaaaggat agataaataa ttggcacaca tttgtttctc 120
actgaatttt acagtagtaa attaagtta taatgtacca catggagatg agtttggaag 180
aatcatcta gttccagagc ccagggatta taaacagtag gtgaaataga tttatgactt 240

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acgaaatatg ttgtgacaat atattt

266

<210> 1328

<211> 409

<212> DNA

<213> Homo sapien

<400> 1328

ctgtccaatg	gcaacaggac	cctcactcta	ttcaatgtca	caagaaatga	cgcaagagcc	60
tatgtatgtg	gaatccagaa	ctcagtga	gcaaaccgca	gtgacccagt	caccctggat	120
gtcctctatg	ggccggacac	ccccatcatt	cccccccag	actcgtctta	cctttcggga	180
gcgaacctca	acctctcctg	ccactcggcc	tctaaccat	ccccgcagta	ttcttggcgt	240
atcaatggga	taccgcagca	acacacacaa	gttctcttta	tcgccaaaat	cacgccaaat	300
aataacggga	cctatgcctg	ttttgtctct	aacttggcta	ctggccgcaa	taatcccata	360
gtcaagagca	tcacagtctc	tgcactctga	acttctcctg	gtctctcag		409

<210> 1329

<211> 136

<212> DNA

<213> Homo sapien

<400> 1329

ccattttcgc	acagtccacc	ataaaattga	aaagattgac	cagagacaga	tcattggagg	60
cttggcaatc	tgtactgatg	aagccatgga	ccagaagaga	agtgaagtcaa	tgaagagagt	120
ttctcttttc	acatgg					136

<210> 1330

<211> 311

<212> DNA

<213> Homo sapien

<400> 1330

ctgctaaccag	ccctaaccggt	gcaacacaag	tacaaactca	ggaacctctt	cgactgccac	60
gcccttcacc	aacagaagga	agacagtggc	gccaccacaa	gtggcagggc	acaggggctt	120
ctgtgacaac	aatatgtcct	tctagtatac	attcattgca	aaggctgcc	tgaagtttgc	180
tttttgga	taactgttat	catacatttt	gtatgatgtt	gcttgtgggc	accatgaaga	240
gagcctggct	gtaaaggaca	gagggagcta	aaccaacaat	gcatggccct	gcgtgcccac	300
aagagggagc	c					311

<210> 1331

<211> 613

<212> DNA

<213> Homo sapien

<400> 1331

ctgggcccakg	agctgtgccc	ggtgcctgca	gccttcataa	gcacacacgt	ccattcccta	60
ctaaggccca	gacctcctgg	tatctgcccc	gggtccctc	atcccacctc	catccggagt	120
tgcccaagat	gcatgtccag	cataggcagg	attgtcgggt	ggtgagaagg	ttaggtccgg	180
ctcagactga	ataagaagag	ataaaatttg	ccttaaaact	tacctggcag	tggttttgct	240
gcacggctctg	aaaccacctg	ttcccaccct	cttgaccgaa	atttccttgt	gacacagaga	300
agggcaaagg	tctgagccca	gagttgacgg	agggagtatt	tcagggttca	cttcaggggc	360
tcccaaagcg	acaagatcgt	tagggagaga	ggcccagggt	ggggactggg	aatttaagga	420
gagctgggaa	cggatccctt	aggttcagga	agcttctgtg	caagctgcga	ggatggcttg	480
ggccgaaggg	ttgtcttgcc	cgccgcgcta	gctgtgagct	gagcaaagcc	ctgggctcac	540

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agcaccceaa aagcctgtgg cttcagtcct gcgtctgcac cacacaatca aaaggatcgt 600
 tttgttttgt ttt 613

<210> 1332
 <211> 591
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 1332
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 ccaacatctg cctgctatct ggtgcatcac ccaagggtgac caatggctgg gcacaaataa 120
 acttctcttt tgctagccac agagttgctc actgtggcaa gcctgagctg gtcagaacac 180
 ctgtgtgtgt gttcctgata cacactaacc acaataagca agtctgcaca catctctatg 240
 agcccatgc aaagacaaga cattcccaaa gatcagtcac tagagtgcaa caacgaaatt 300
 caagatttga ccaaaacaga ccctgctgcc tcctaaattg ccaattgcct ctcaaaaact 360
 tacagaaaaa gggacattat aagaattcat agagggagag aagaaaaagc tgctactcct 420
 agtcattagt acaatgtgct gtgttaatta gatacctcta tataaattag aaaaagtgcct 480
 ttacttgcac gcttcaataa aatgaatact gagtgtcgta gtgttagatc tgtacagata 540
 taaatTTTTT gcagctatat aaaagtgtat aagatgggct tttgcatttt a 591

<210> 1333
 <211> 379
 <212> DNA
 <213> Homo sapien

<400> 1333
 ctggtacaaa ggcgaaagag tggatggcaa cagtctaatt gtaggatatg taataggaac 60
 tcaacaagct accccagggc ccgcatgcag tggctgagag acaatatacc ccaatgcatc 120
 cctgctgac cagaacgtca ccagaaatga cacaggattc tataccctac aagtcataaa 180
 gtcagatctt gtgaatgaag aagcaaccgg acagttccat gtatacccg agctgcccac 240
 gccctccatc tccagcaaca actccaacc cgtggaggac aaggatgctg tggccttcac 300
 ctgtgaacct gaggtcaga acacaaccta cctgtgggtg gtaaatggc agagcctccc 360
 agtcagtccc aggtgcag 379

<210> 1334
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 1334
 aaaccatttg tacaaaactt ctataaattt ttctctctct ttctctctta tgtacaaaaa 60
 tatcttaata tatccccgaa ctgggttagga tagatacaaa tagatttttt ataataaaaa 120
 attcacaaaa gattggaagc attctataat gaaaatggta gaaaagacag tgtgagggaa 180
 gccatggggg ttgggaatcg ggccctggag gagaagcaga gtttcaaagg gctgagaata 240
 gcatagtttc actgtaaacc aatgtctaca gcttattggg gtgggggcta ctgagacgaa 300
 agacaccaac tcgtttctag agggctaaga actgcacttt aagaaagggc ggggaggtga 360
 agggacccga gcaagaactt tcag 384

<210> 1335

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<211> 555
 <212> DNA
 <213> Homo sapien

<400> 1335

aaattagttg	ctataaat	atcaatactt	ttttcccta	ttatat	ggttctatta	60
ggatttactt	aactgaatct	tataacaatt	cgaggtgaac	tgtggcaatg	aaaaccagaa	120
acagttaatg	agatgcttca	gctcacagtt	tgaagtgctg	agaacctaa	tattttgctg	180
tacggtagctg	agctgtacca	aaatatgatg	gttttaggtt	atgtgcaaga	ctttgtgttg	240
tagtctagac	aaaggggtgg	gcaagagaca	tgcaaagctg	aagccctgct	tgaaaagacc	300
cttcaaggaa	gtaaaatggc	aggggcagag	tgcaagctta	catgttgcta	tccctgttgt	360
ttttgagttg	gttttggaat	ggattcaagt	tcttacacaa	tttattttga	atacaagcat	420
aatctaggtg	atttgagtta	atgaacttct	tttcatgatg	tagggaaaagc	tgaatgtata	480
tatttctaag	aagaatttgt	ttagcagatt	acaagttggc	aaaatagact	gttcacagaa	540
actaggcaaa	aattt					555

<210> 1336
 <211> 505
 <212> DNA
 <213> Homo sapien

<400> 1336

cctggaaaga	agcccagcaa	aaggttccag	atgaagaaga	aatgaagag	agtgacaacg	60
aaaaggaaac	tgaaaagagt	gactccgtaa	cagattctgg	accaaccttc	aactatcttc	120
ttgatatgcc	cctttggtat	ttaaccaagg	aaaagaaaga	tgaactctgc	aggctaagaa	180
atgaaaaaga	acaagagctg	gacacattaa	aaagaaagag	tccatcagat	ttgtggaaag	240
aagacttggc	tacatttatt	gaagaattgg	aggctgttga	agccaaggaa	aaacaagatg	300
aacaagtcgg	acttcctggg	aaagggggga	aggccaaggg	gaaaaaaaca	caaattggctg	360
aagttttgcc	ttctccgcgt	ggtcaaaagag	tcattccacg	aataaccata	gaaatgaaag	420
cagaggcaga	aargaaaaat	aaaaagaaaa	ttaagaatga	aaatactgaa	ggaagccctc	480
aagaagatgg	tgtggaacta	gaagg				505

<210> 1337
 <211> 385
 <212> DNA
 <213> Homo sapien

<400> 1337

ctggtgctag	tcagagctaa	tgacagaatt	tcagtttaat	aaaaagaccc	ccaactgagc	60
acaccatctt	gaaaaaagta	tacttatcaa	acagctttca	atcagttcaa	gagagacacc	120
ttaattgggg	agaggaagaa	ttgcagagta	gtttgtaatc	atgccaattc	cagatcaata	180
actgcatgtc	tgttcttttg	tagaaatagc	ttttgcttta	tattaagtaa	tcacatatat	240
attctctcta	tttgataag	gaaacottcg	ctttatttga	caatgtataa	tgatatactc	300
ttctaattca	cctctgtgtc	ttcacaataa	acatgagtaa	aatttagaca	agtgatggta	360
aaggtcaata	taattattta	ttttt				385

<210> 1338
 <211> 350
 <212> DNA
 <213> Homo sapien

<400> 1338

aaaggtgata	ttacacaaaa	cctcgtcttt	tgttcaactt	tggatccatt	ggcaattcaa	60
tggcctcaat	ctcccaaac	tcgccaaagt	actccctgat	cttttcctca	gtggcttcag	120

gattcagacc	cccaacgaag	atthttcttca	ccgggtcctt	cttcatagcc	atggcctttt	180
taggggtcaat	gacacggcca	tccagcctgt	gtccttctg	gtctaggacc	ttctccacac	240
tggctgcac	tttgaacagg	ataaacccaa	accctcttga	ccgtccagtg	ttgggatcca	300
tttttattgt	acagtcaacg	acctctccaa	atttagtaaa	atagtctttt		350

<210> 1339
 <211> 443
 <212> DNA
 <213> Homo sapien

<400> 1339	
ctgctcctct	agtaataagt
cctgagtaat	catatcagga
gtagctcaaa	aaaagtagaa
ttacaggctc	agaatcacct
agagtttctg	atthtagtagg
caagtgatgc	tgatgacttg
ctgtttgctg	aactctttct
aacgtgaagg	aaggaacccc
	cag
	60
	120
	180
	240
	300
	360
	420
	443

<210> 1340
 <211> 273
 <212> DNA
 <213> Homo sapien

<400> 1340	
cctcaggaac	aggtaggggc
ctttacatkt	cccatgcttt
gtttatacat	ttacaaaatg
tcccatgtta	actgaaggca
agagtgttcc	ctctacaatg
	60
	120
	180
	240
	273

<210> 1341
 <211> 561
 <212> DNA
 <213> Homo sapien

<400> 1341	
ccatggggccc	ggtcacgaac
cctactacca	gggggtgtac
tcaggcccgg	ctaactctgg
gagactttgg	ggagacggtg
ccccaacacc	gccaagacag
agggccacac	agatacccca
aaaaaaaaagc	ctccgggttc
ttctgatttt	ttgtttgttg
taaaaaaaaaa	aaaaaatttt
cagaggggttg	tactattgtt
	t
	60
	120
	180
	240
	300
	360
	420
	480
	540
	561

<210> 1342
 <211> 159
 <212> DNA
 <213> Homo sapien

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<210> 1343
<211> 76
<212> DNA
<213> Homo sapien
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<210> 1344
<211> 726
<212> DNA
<213> Homo sapien
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<210> 1345
<211> 742
<212> DNA
<213> Homo sapien
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ccagagagcc	ctgtcctgtg	agggtggtta	tcacagtggc	agggttcaat	tcagaagacc	60
ttgagggcag	gctgatgttt	cctgaatggg	cccctggttg	ttgcttgctc	ctgactctcc	120
atttcccat	ctgagtggat	ttggacctaa	tagggcactg	gagctggttc	gaatcctgac	180
tggactactt	ggcaacttta	tgtctgggag	caagttactt	aacctcccca	agcctgtgtc	240
tgtgaaatgc	gggtaaatga	atgtagatgt	ttggcagcag	ctactccttg	ttgagctctc	300
acagtgaact	ctcctgcctc	tgcctctcct	ccccgcctcc	cctggtgcct	agcgtcaggt	360
ctagccactt	cctcctgggc	ccctctccct	tttctgtggc	tggctgcctg	ccgcctggc	420
gctggacctt	tcatgtaacg	ggaatcacga	tgtatatctt	ggtctggtct	gtttctacac	480
ttaattttgt	tccagtagt	atttccctgt	accggcagag	ttcacaaaca	catttgaaga	540
ggctttttct	caggattctt	aaccttccaa	aggaagctcc	atggatgggt	ttctagaagt	600
ctataaatgc	tctgaaattg	tatttttctg	tggaaaagca	taacttttat	ctgcttggtc	660
gtgctcaaaa	aaagatcatg	aatggaatga	attgcattga	attttatgcc	attgggggct	720
taataactaaa	aggatatgga	ag				742

<210> 1346
 <211> 573
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 1346
 aaatgcattk ttaacttaca gtatatttcaa cttacgatgt gtttatcasg aagtaacccc 60
 atcataagca gaggagcatc tgtattgcgt aatttgactg gcacagttaa ttaggttctg 120
 ttcagtgtt tccgtcaaca agatgtttat tgtgtgagta aacaaggtta gccctgtgac 180
 aagctgaata agaatagtct ctcttcagca gcttatagta aacaagggtta gtaatcctta 240
 cattagtggc tagactatca aacgaaatat ataacatgta agaacactaa agacagaatt 300
 actgtggcat agagatagtt agaattgctt cagcctaaga gatgaattag gtaatgcaag 360
 gaggtgaata tggtggcctg caatatgaac aaggcagaga gctgggagag taagatgtaa 420
 gttgctaagg agggatgtgt cttgagtttg gaaaccataa agggaaatca taggtaatgc 480
 tagagtcaat gatcttangg agccttgaat aacggtgatg actaaggga tctttatttt 540
 ggnggggacta ttggaattaa attggccaga att 573

<210> 1347
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 1347
 cctggtttct ggtggcctct atgaatccca tgtaggggtgc agaccgtact ccatccctcc 60
 ctgtgagcac cagtcacacg gctcccggcc cccatgcacg ggggagggag ataccccaa 120
 gtgtagcaag atctgtgagc ctggctacag cccgacctac aaacaggaca agcactacgg 180
 atacaattcc tacagcgtct ccaatagcga gaaggacatc atggccgaga tctacaaaaa 240
 cggccccgtg gagggagctt tctctgtgta ttcggacttc ctgctctaca agtcaggagt 300
 gtaccaacac gtcaccggag agatgatggg tgg 333

<210> 1348
 <211> 185
 <212> DNA
 <213> Homo sapien

<400> 1348
 aaaaaagctt gcagcaagaa aatgccagtg tgcaactggg tgactaaaga ccaaagaaaa 60
 acagttaaaa gggacagctt acttgctctc tgtctcaggt ttaacttctc acctgaaatc 120
 tctcatagcc ctaattaaac acaaacaaaa gtctcttcca tagataggct acttctcagc 180
 ttcag 185

<210> 1349
 <211> 171
 <212> DNA
 <213> Homo sapien

<400> 1349
 gcggcagcga ggggctcgga gaggtgctcg gattctcgta gctgtgccgg gacttaacca 60
 ccaccatgtc gagcaaaaga acaaagacca agaccaagaa gcgccctcag cgtgcaacat 120

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ccaatgtggtt tgctatgttt gaccagtcac agattcagga gttcaaagag g 171

<210> 1350

<211> 400

<212> DNA

<213> Homo sapien

<400> 1350

ttgtcatatc	atatctatgt	cacctgtgta	ttctgagatt	acacacatac	ctgccaatat	60
acctgggaaa	ggttatttta	tcacagttac	acttgagttc	ttggcaggca	ggactgagga	120
agagtaattt	gaaagaagtt	ttacatccta	tttagaagaa	atcactagta	tttccttaaa	180
taacaggtta	caatagaaaag	atactgcctg	gaagttatcc	tttcactttg	gttcattttt	240
agtttttctt	tatgattttac	atagctgttt	aattcatttg	cttatagtac	aatcctgcca	300
taaagtatta	aagcacaaga	tacctattat	tccttcaaca	tctgcatttt	tcaagtttta	360
tactctacat	ccacagtacg	tcagcagttc	ttgaatgttt			400

<210> 1351

<211> 309

<212> DNA

<213> Homo sapien

<400> 1351

ccaggaaaag	gcagtcctga	gggagaagac	aggattcagg	gcagtgcctc	gaagctgtgt	60
gctcacctgg	ttggctcatc	aaacctggca	accctgtggc	ctgtctgccg	gagctgactg	120
gatccactca	tcaattcttc	gtccccacta	ctaagactgg	gcatgttttg	ctggtgtggt	180
ctctgcactt	caggaatggg	cacaacaggg	ggtagccctc	aaaagcactc	ctttttctat	240
acctcttctc	aaggccatgt	aagttgcccc	tctctacctg	gctgtggaca	aaaggttatc	300
tgctcttgg						309

<210> 1352

<211> 268

<212> DNA

<213> Homo sapien

<400> 1352

ccacttcatc	tgtgtgggaa	cgtgggtcagg	ccgggtgctg	gtgtttgaca	tcccagcaaa	60
gggtcccaac	attgtactga	gcgaggagct	ggctgggcac	cagatgccaa	tcacagacat	120
tgccaccgag	cctgcccagg	gacaggattg	tgtggctgac	atggtgacgg	cagatgactc	180
aggcttgctg	tgtgtctggc	ggtcagggcc	agaattcaca	ttattgacct	gcattccagg	240
atttggaggt	ccgtgcccct	ctgtgcag				268

<210> 1353

<211> 620

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 1353

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cgtgaaagaa	aactcatcta	aggatctaaa	aaaatcattc	aagagcccag	agcccaggct	120

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ctttactcct	gaagaattct	ttagaatttt	taatagatcc	attgatgcct	tcaaggactt	180
tgtagtggca	tctgaaacta	gtgattgtgt	ggtttcttca	acattaagtc	ctgagaaaaga	240
ttccagagtc	agtgtcacaa	aaccatttat	gttaccacct	gttgacagca	gctcccttag	300
gaatgacagc	agtagcagta	ataggaaggc	caaaaatctc	cctggagact	ccagcctaca	360
ctgggcagcc	atggcattgc	cagcattgtt	ttctcttata	attggccttg	cttttggagc	420
cttatactgg	aagaagagac	agccaagtct	tacaagggca	gttgaaaata	tacaaattaa	480
tgaagaggat	aatgagataa	gtatgttgca	agagaaagag	agagagtttc	aagaagtgtg	540
attgnggctt	gtatcaacac	tgttactttc	gtacattggc	tgggaacagt	catgtttgct	600
ttcataaatg	aagcagcttt					620

<210> 1354

<211> 398

<212> DNA

<213> Homo sapien

<400> 1354

aaaggattat	ttttatgcaa	agtattctgt	ttcagcaagt	gcaaatttta	ttctaagttt	60
cagagctcta	tatttaattt	aggtcaaagt	ctttccaaaa	agtaattctaa	taaatccatt	120
ctagaaaaat	atatctaaag	tattgcttta	gaatagtgtg	tccactttct	gctgcagtat	180
tgctttgcc	tcttctgctc	tcagcaaagc	tgatagtcta	tgtcaattaa	ataccctatg	240
ttatgtaaat	agttatttta	tcctgtgggt	catgtttggg	caaatatata	tatagcctga	300
taaacaactt	ctattaaatc	aaatatgtac	cacagtgtat	gtgtcttttg	caagcttcca	360
acagggatgt	atcctgtatc	attcattaaa	catagttt			398

<210> 1355

<211> 371

<212> DNA

<213> Homo sapien

<400> 1355

ctggytcctc	agtgggaact	gagtcattac	ctgctaaagg	gtagaagagg	agagagagag	60
gccagagcct	ggggatgggg	cagaagggtc	agcaggaagg	aagggttagag	tgagaaaaat	120
ttccaaataa	ggggtgatgt	gtgagtgctc	agaggggtgac	tgaggacatc	tccagcattt	180
ccattgagga	gggaggaagg	agggggccctt	gggttctggg	gcagatgccg	gcagggtctg	240
gatgagatgc	ccccaacctc	aacctgtgtc	ctctgaaaac	acttcaccca	gtcacactga	300
ggagcccctc	caggcccagg	ggcccctcca	ggtaggcgta	tctcagctcc	tctctggaag	360
gacccccaca	g					371

<210> 1356

<211> 338

<212> DNA

<213> Homo sapien

<400> 1356

gcggcgcggg	cgggcggtaaa	atgtcgggtc	caggacctta	ccaggcgggc	actgggcctt	60
cctcagcacc	atccgcacct	ccatcctatg	aagagacagt	ggctgttaac	agttattacc	120
ccacacctcc	agctcccatg	cctggggccaa	ctacggggct	tgtgacgggg	cctgatggga	180
agggcattgaa	tcctccttgc	tattataccc	agccagcgcc	catccccaat	aacaatccaa	240
ttaccgtgca	gacgggtctac	gtgcagcacc	ccatcacctt	tttgaccgcg	cctatccaaa	300
tgtgtgtgcc	ttcctgcaac	aagatgatcg	tgagtcag			338

<210> 1357

<211> 159

<212> DNA

09049626 0504

<213> Homo sapien

<400> 1357

ctgggctgct	gcctctggag	tacttccccg	cagctcctca	ttgctcacat	agtaggcaat	60
ggcgttgctc	tcaaacacac	agaatccatc	atcacccctca	aatgctggga	ccttgccggc	120
aggaaatttg	cggagaaatt	caggggtgcg	gttggtttg			159

<210> 1358

<211> 306

<212> DNA

<213> Homo sapien

<400> 1358

cctgtcagag	tggcactggg	agaagttcca	ggaaccctga	actgtaaggg	ttcttcatca	60
gtgccaacag	gatgacatga	aatgatgtac	tcagaagtgt	cctggaatgg	ggcccatgag	120
atggttgctc	gagagagagc	ttcttgctct	gtctttttcc	ttccaatcag	gggctcgctc	180
ttctgattat	tcttcagggc	aatgacataa	attgtatatt	cggttcccgg	ttccaggcca	240
gtaatatgtag	cctctgtgac	accagggcgg	ggccgagggg	ccacttctct	gggaggagac	300
ccaggg						306

<210> 1359

<211> 382

<212> DNA

<213> Homo sapien

<400> 1359

agagggagtc	cagcccccaa	gccttgtgag	gcactgttar	gcagataggg	aaaagagggg	60
tccttagatc	actggttcaa	ggagggatct	ggtaggggca	gcatttcttc	tgggctggaa	120
acagaatggg	ggtttcaaga	tggcagaacc	attccattat	tggagctata	agcccctaga	180
attgtcccat	ggcctatctc	ggtttccctt	ggatctcctc	tgctcctgaa	ctgcacctgt	240
catggcaagt	ccatctccgg	ccccatctc	ccctgagcca	atgtgagtca	ggtgaacaaa	300
attcattggg	tcccaatca	tgggtccggc	aatccgtctt	ctcttcttct	ttcttctcca	360
ccatccagac	gttcagctac	ag				382

<210> 1360

<211> 365

<212> DNA

<213> Homo sapien

<400> 1360

aaaaaacctt	tcaaaaataaa	acttagtaaa	atctagaact	gkttcttggc	ctacttgaga	60
ggaacttcca	tattttcaca	gccatctccg	aaagcagcag	ttgctgtaaa	ttaactgaga	120
cttggaatg	gtgcagactg	tcttggtaga	gctgttctta	tagcacaatt	ttatctggaa	180
aataaacttg	taaatgcgtg	ctgtatatta	atacatgtgt	gcccataatt	atttttatta	240
tctcctgcca	gtctttgctc	aatgggagat	gacagaccaa	cttctcaacg	tgatttcccc	300
atttcattga	atgacattta	tatgccactt	atgaaaaaaa	tactgctgtg	aaagaaatgt	360
acttt						365

<210> 1361

<211> 502

<212> DNA

<213> Homo sapien

<400> 1361

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gaggatgga	aaaatatcaa	caaggaaata	ttagatttga	actgctgctt	cgttagcaca	60
cagcacattc	tccaggatat	accatatgtt	aggacacaaa	acgggtctca	ataaattttt	120
aaaagtcaaa	atcttatcaa	gtatcttctc	agaccacaat	ggaataaaac	tggaaatcaa	180
taacaagagg	aacttctgaa	attgaacaga	tacacggaaa	tcaaactaca	tgttctgaa	240
tgaccactgt	gtctatgaag	aaattgattt	taaaaattta	aaaattcttt	gaaacaaatg	300
aaaatagaaa	cacagcatac	aaaaatgtat	aggggtacaac	aaaagaagtg	ctatgaggga	360
catttatttc	aataaacacc	cacatcaata	aggtagaaag	tttttaaaca	aataacctaa	420
taaacgcac	tcaaggaact	agaaaagcaa	gaacaaatca	aacctaaaat	tagaaggaaa	480
taaatagtaa	agatcagagc	ag				502

<210> 1362

<211> 545

<212> DNA

<213> Homo sapien

<400> 1362

ctgattggat	gtctaggaat	gactgaaaga	aacccaaaaca	gcctgtccac	tgctgctgtg	60
ggatggagga	ggcgtaagca	gaaacactaa	cagtatactg	acctcttagc	agaaccgctt	120
ccattctgga	gatcacggct	gctaaatcca	gcacccccac	ttcattttac	ccccagcata	180
ttgttctgta	gtcttttctt	gaaacatctt	gattgctttt	cctcggcagc	tttcaaaaaa	240
ccaaataata	atagttatcc	gtcttctact	tcatggaaga	ttgttttggt	gccctgaccc	300
tctgaagtgc	ccagttcctg	ccatctgaaa	cctcggcctg	atctgatctc	atgttggaat	360
ctgcctgtct	ttcacacagg	gctggtcttg	gtcctttaca	tgccagtttt	gcttgtgaat	420
tcttgctttt	ttcctctcat	cagccttaag	tttaggcgtt	tggtgttctc	cagtgatgta	480
gacagttccc	ttcacaagtc	acagttcttc	ccataaatga	ggcccgcgtga	cctctgcggg	540
acttt						545

<210> 1363

<211> 286

<212> DNA

<213> Homo sapien

<400> 1363

gggagatgca	ggatgtagac	ctcgctgagg	tgaagccttt	ggtggagaaa	ggggagacca	60
tcaccggcct	cctgcaagag	tttgatgtcc	aggagcagga	catcgagact	ttacatggct	120
ctgttcacgt	cacgctgtgt	gggactccca	agggaaaccg	gcctgtcatc	ctcacctacc	180
atgacatcgg	catgaaccac	aaaacctget	acaaccccct	cttcaactac	gaggacatgc	240
aggagatcac	ccagcacttt	gccgtctgcc	acgtggacgc	ccctgg		286

<210> 1364

<211> 503

<212> DNA

<213> Homo sapien

<400> 1364

ccatcaggat	catgaaaaca	aacttttggtg	aatgtgagca	actgcgccag	acaggacaca	60
ggttacaggg	cctgacgtca	ctaacggtaa	ctgacaatct	tggaatggac	cctactgctg	120
atgtttcaaa	aggacacaga	ggtgaactgg	tcacttctaa	ttaagaagag	ccagtggggt	180
gggggaagct	gaaaaccaaa	aatccacgta	gacatacgtg	gcagtgtgaa	cgtctgtcct	240
ccccttcctt	ctcctcactt	cctctcctcc	tcctcactca	ggctggtatt	ctcctgggtg	300
gcggatgtca	gcttgccctg	cagaagggct	gccagttttt	tagatgtctt	tttgagaaac	360
gagctgcccg	gatgggcact	gttcacgtgc	aggtacaggt	cctcctgggt	ggggcccggtg	420
tagccgcaat	cctcgcagac	gtagagcttg	tcccgcgcgt	gcttataggc	atactgctgc	480
tgcaccccat	ggattttctt	cag				503

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<400> 1365

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<210> 1366
<211> 131
<212> DNA
<213> Homo sapien
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<400> 1366

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<210> 1367
<211> 430
<212> DNA
<213> Homo sapien
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<400> 1367

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<210> 1368
<211> 294
<212> DNA
<213> Homo sapien
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<400> 1368

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<210> 1369
<211> 429
<212> DNA
<213> Homo sapien
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<400> 1369

ctgaaggcaa	tgggggactg	aggaaggagg	cagcagaagt	aggagaggag	caagaatcca	60
gaagggaaat	gagaacgaca	aaactgaagt	gcacttcaac	atcctgcagc	caaaggggta	120
aaaaggagaa	agaagtgcag	accagtcaca	taaatgccac	agtgacatgc	acaaaaacgt	180
gaggggcaca	ctccagggac	agagtctgac	aacatgacaa	gctacatggc	atcaaactct	240
ttcatgtgac	aggcagcttt	tcacatgtgc	atcttaagac	tggaacttgc	tatagataaa	300
ccttaagtag	ttaataaaaag	caaaagtcac	cctctattca	ctgtttgctg	ccatgttcca	360
ggcatagtag	ttggcacttt	ttattttatt	tcacttgatc	agctcagaaa	gtcctccaaa	420
tgagtatttt						429

<210> 1370

<211> 540

<212> DNA

<213> Homo sapien

<400> 1370

ccactcccag	gatgctgggt	ctcgcttgct	ggctgggacc	ccggagccgt	cagtccacgc	60
actcccgat	gcactcaaca	acctaaggac	gcaggagggt	tccggggatg	gtccgagctc	120
gtccgtagat	tggaatcgcc	ctgaagatgt	agaccctcaa	gggatttatg	tcatatctgc	180
tccttccatc	tacgctcggg	aggtagcgac	gccccttttc	cccccgctac	acactgggcg	240
cgctgggcag	aggcagcacc	tgctttttcc	ctacccttcc	tcgattctgt	ccgtgaaatg	300
aattgggtag	agtctctgga	aggttttaag	cccattttca	gttctaactt	actttcatcc	360
tattttgcat	ccctcttacc	gttttgagct	acctgccatc	ttctctttga	aaaacctatg	420
ggcttgagga	ggtcacgatg	ccgactccgc	cagagctttt	ccactgattg	tactcagcgg	480
ggaggcaggg	gaggcagagg	ggcagcctct	ctaattgcttc	ctactcattt	tgtttctagg	540

<210> 1371

<211> 142

<212> DNA

<213> Homo sapien

<400> 1371

ttaaaatggt	agcacaagag	tctggcaagt	tggtactgca	gagaaaaggg	gttaattgag	60
gcttgtttgg	agtcgggatt	cccctttccc	aaacatgcgt	ctcgccactt	ggacagcagc	120
catttgtagt	cgtatacttt	tt				142

<210> 1372

<211> 377

<212> DNA

<213> Homo sapien

<400> 1372

ccaccatctg	tgcaagtagc	caaaaccact	cctttttaaca	cgagggagcc	tgtgatgctg	60
gcctgctatg	tgtggggctt	ctatccagca	gaagtgacta	tcacgtggag	gaagaacggg	120
aagcttgtca	tgccctcacag	cagtgcgcac	aagactgccc	agcccaatgg	agactggaca	180
taccagaccc	tctcccattt	agccttaacc	ccctcttacg	gggacactta	cacctgtgtg	240
gtagagcaca	ttggggctcc	tgagcccatc	cttcgggact	ggacacctgg	gctgtccccc	300
atgcagaccc	tgaaggtttc	tgtgtctgca	gtgactctgg	gcctgggcct	catcatcttc	360
tctcttggtg	tgatcag					377

<210> 1373

<211> 504

<212> DNA

T05050-92964850

<213> Homo sapien

<400> 1373

ccatgctaag	tttggaacc	gctgggatg	ggacatggat	gcttgcaacc	gaccgtgggc	60
ggatgtggtt	gaccagatgg	cagaggacga	caccatccat	gagggctgcc	cccaggtctt	120
cgtgcagact	gaccttcaat	ctcatctcaa	tgctctcacg	aagttgttcc	accagctctt	180
tctcttctct	catctgctcc	atcttctctc	ggattgtaaa	ctgcgggtct	atagattcca	240
aatttctctg	aggtcttaga	aacacagact	cagaaatcaa	atgaggatgt	ctcagaaagg	300
agtcactttt	ccagaggcag	gctgcccctt	aactcagccg	agcagcagga	accactgggg	360
ccaaagctat	tttatcttcc	ttaggtaaaa	aaaaatcaat	agaatatttc	ttccccgctt	420
acatgctccc	accactgatg	aacgcgatct	tcagcaagaa	gaactttgag	tccctctccg	480
aagccttcag	cgtggcctct	gcag				504

<210> 1374

<211> 201

<212> DNA

<213> Homo sapien

<400> 1374

cctccgtaag	atgcttgaca	atcttgactg	ttttggagac	aaactgtcag	atgagtccat	60
cttcagtgtc	ttttgtcag	ttgtgggcaa	gctgcgacgt	ggggccaagc	ctgagggcaa	120
ggctataata	gatgaatttg	agcagaagct	tcgggcctgt	cataccagag	gtttggatgg	180
aatcaaggag	cttgagattg	g				201

<210> 1375

<211> 295

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 1375

ctgtgaggct	gnttccaagg	aggaaaacaa	ggaaaaaat	cgatatgtaa	acatcttgcc	60
ttatgaccac	tctagagtcc	acctgacacc	ggttgaagg	gttccagatt	ctgattacat	120
caatgcttca	ttcatcaacg	gctaccaaga	aaagaacaaa	ttcattgctg	cacaaggacc	180
aaaagaagaa	acggtgaatg	atctctggcg	gatgatctgg	gaacaaaaca	cagccaccat	240
cgtcatgggt	accaacctga	aggagagaaa	ggagtgcaag	tgcgcccagt	actgg	295

<210> 1376

<211> 318

<212> DNA

<213> Homo sapien

<400> 1376

ccagcgctac	tgtactggcc	cagggcagag	ttcatgtatc	togtcttgac	cacgtctaca	60
ggggaggcga	tgacagtgg	gcagaagcct	gccccaaagg	cagaagtga	gtggcaagg	120
aggtcatctg	tcatgaggtt	ggctttcagg	agggcacctt	tgatgaggtc	ataggtcacc	180
agctcagcac	agttgacaat	ggcattacga	gcaacattgg	gggaggtccc	tttccagagg	240
ccccggaacc	cttctctctg	ggcaatggtc	ttgtaggcat	tgacggtgct	ttggtatctc	300
cgaccacctc	cagccccg					318

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<210> 1377
 <211> 143
 <212> DNA
 <213> Homo sapien

<400> 1377
 gtggattccg ytcggggcac cgatctcgcc aagatcctga gtgacatgcg aagccaatat 60
 gaggtcatgg ccgagcagaa ccggaaggat gctgaagcct gggtcaccag ccggaactgaa 120
 gaattgaacc gggaggctgc tgg 143

<210> 1378
 <211> 98
 <212> DNA
 <213> Homo sapien

<400> 1378
 aaatattggt aataggtcgg caacagcaac tatagaagta caactcaata gatggcatta 60
 aaacatattg tagtgtggat atatattttt tctttttt 98

<210> 1379
 <211> 330
 <212> DNA
 <213> Homo sapien

<400> 1379
 aaagatgttc acgttacgct ggaccaaatt aagacggctt tctccctctt gctgacgtgc 60
 cccagccgtg ataatgacca gcttggagtt tgcagttaca ttatagtctt tgccagagac 120
 aatctttggt gttctaagga aaaggctgcc atgttggaga tccatcatct ctcccttcaa 180
 tttgtcttcg acgacatcaa caagagcaag ttcatctgcc aagtccttca ttaagatact 240
 gatggcacag gccatgccaa cagcaccaac cccaacaact gtaatcttat tctggggggg 300
 ctgttcttcc tttagaagat tataaatcag 330

<210> 1380
 <211> 269
 <212> DNA
 <213> Homo sapien

<400> 1380
 ccactcctgg aaaccactg atagatgagt ttccccatt cttctggcct ccgccacatg 60
 atcaggaagc tggacttgct cttatccaac cactcgaggt tccctttctt cctcagttcc 120
 tctaatacaa tctggatcga ctccacagga agctttcgct gtagcttgac gttgttgaag 180
 agcgggctct cctgagcttc catcacctgc atgctggact gttgtgcag gcggcagaag 240
 gacaggacca gcgagcacca ggcggccag 269

<210> 1381
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 1381
 aaaagagagg aaaggcagtg cagggctgga ggtcctggag ggtggcggcg ggtcgtccta 60
 actagcaggc tgaaaggtgc tggaggggat gccttcactc agaggaagtt cacagccacc 120
 tgccttggaa catgtacctg ttcatctttt cgtaatgtta gtattcattt tgctatcttc 180
 ctgttgccat ttccaaacag tgtcagtatg tttttgttaa atacgaacat tt 232

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<210> 1382
 <211> 348
 <212> DNA
 <213> Homo sapien

<400> 1382
 aaacgtgcta aagggaaagg aatctgacat tctgggtaaa tcttactcaa tctaaatcaa 60
 agcttggttt tcaggaggag gaaggtgcga gcgcaggcag aggtgctgaa tactcctctt 120
 ctgattcact tccatcatcc tctttctctt ggtcactgcc ctcagtgcta agccgggtcaa 180
 accctttttcg actgtagccc ttacggcttg caaagaaatt accaaggttt aagcctccac 240
 ttccctttcc tctaaatctt cccagtactc ttctgaact cgtctcgagt ttgtgttcag 300
 aatctccaaa ggcccttgat tttttccacc gaataaatat ggcaatgg 348

<210> 1383
 <211> 293
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 1383
 ctgcttcaan acctcagctt catgggactt gcgtctttct tctgcagctt ctaatttctt 60
 ctgaatttcc tccagggaaa gatccttctt ctttgaggagg gaaaggggga attctggaac 120
 agattctttt gaccgagggc tgagaatcag ctcaaaagcc tggcccaggag cacgcttctc 180
 cagttctttc acctggatat cagaagaagc catggtgaat agaagacaag cgacaggcag 240
 tgtattctgc acaatcaact gggataagga aagtcctgct cagtccgagc cgc 293

<210> 1384
 <211> 573
 <212> DNA
 <213> Homo sapien

<400> 1384
 ctgaagcaac ttgggattaa ttgcttgatt agcttcacga agcacagaga taaggtcgct 60
 cacttgcttt atgttattag gtgtaaagaa agtgtatgct gtgcctgttt tgggtactgcg 120
 agcagttctt ccaattcgat gaataataat ctctgaggag ttagggtagt cataattgat 180
 gacaaatttc acatcttcca catctagccc tctggaggcc acatctgtag caatcagaat 240
 aggagctttt ccatgtttga attcatttag aaccagtcga cgctcttggt gactcttgtc 300
 accatggata cccatggcag gccacccatc tctctctatt tttctggtaa gctcatcaca 360
 tcttcttttg gtttccacaa aaacaatggt tttattctcc ttctcactca tgatctcttc 420
 cattagacga ataagttttt catccttttc tacgtcatga cacacatcca caatctgaag 480
 aatgtttgtg tttgcactca gttcaagtgc accaatgttt atatgaatat agtctttcag 540
 gaaatcttca gcaagctgtc ttacttcttt tgg 573

<210> 1385
 <211> 150
 <212> DNA
 <213> Homo sapien

<400> 1385

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ccaaggccgc tagggtcctt acccctcagg atcactcccc agccctttcc tcaggaggta 60
 ccgctctcca aggtgtgcta gcagtgggcc ctgcccaact tcaggcagaa cagggaggcc 120
 cagagattac agatcccctc ctgtaagtgg 150

<210> 1386
 <211> 159
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 1386
 aaatgatggt ttgggttaaga gtggaccatg agaattagct gacagcatcc cttttctctc 60
 tccctgcctt ggtgggaccc tccctgtgtg accttgggtca agtcctcgaa cttttgtccc 120
 gtatttaaga tggagctgnt ttacctactt cataagaca 159

<210> 1387
 <211> 735
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 1387
 ggtgnaattc gcctttgaan ggccgccggg caggtccttt ntgtstgctg aaggcagatc 60
 gcttggtcca caccagctac cactcccagg cagtgcatac ccgccctggt tgcagaaatg 120
 cacgctgtac tagcatctcc tgggagctga ggcagaccct gtcagttgta tttgatgcct 180
 tcatcacggg gcagggaaag aaagactggt cccctctccg gatgttctcc cgaaccctca 240
 cggagccctg ccccttggtt tcagagagcc gagtctatgt ggacatcacc acctacaacc 300
 aggacaacga gacattagag gtgcaaccac ccccgaccac tacatatcag gacgtcatcc 360
 taggcactcg gaagacctat gccatctatg acttgcttga caccgccatg atcaacaact 420
 ctcgaaacct caacatccag ctcaagtgga agagaccccc agagaatgag gccccccag 480
 tgccctttct gcatgcccag cggtagctga gtggctatgg gctgcagaag ggggagctga 540
 gcacactgct gtacaacacc caccataacc gggccttccc ggtgctgctg ctggacaccg 600
 taccctggta tctgcggctg tatgtgcaca cctcaccat cacctccaag ggcaaggaga 660
 acaaaccaag ttacatccac taccagcctg cccaggaccg gctgcaacct cacctcctgg 720
 agatgctgat tcaga 735

<210> 1388
 <211> 369
 <212> DNA
 <213> Homo sapien

<400> 1388
 ctggggacag cctacagggg cctccagcct gtgccagacg aggaggtgat tgagctgtat 60
 gggggtaccc agcacatccc actataccag atgagtggct tctatggcaa gggtcctcc 120
 attaagcagt tcatggacat cttctcgcta ccggagatgg ctctgctgtc ctgtgtggtg 180
 gactactttc tgggccacag cctggagttt gaccaagcac atctctacaa ggacgtgacg 240

gacgccatcc gagacgtgca tgtgaagggc ctcatgtacc agtggatcga gcaggacatg 300
 gagaagtaca tccctgagagg ggaatgagacg tttgctgtcc tgagccgcct ggtggcccat 360
 gggaaacag 369

<210> 1389
 <211> 322
 <212> DNA
 <213> Homo sapien

<400> 1389
 aaagatgttt ctggcatttt ctttttattt gtaaggtggt ggtaactatg gttattggct 60
 agaaatcctg agttttcaac tgtatatatc tatagtgtgt aaaaagaaca aaacaaccga 120
 gacaaaccct tgatgtcctc tgctcggcgt tgaggctgtg ggaagatgc cttttgggag 180
 aggctgtagc tcagggcgtg cactgtgagg ctggacctgt tgactctgca gggggcatcc 240
 atttagcttc aggttgtctt gtttctgtat atagtacat agcattctgc cgccatctta 300
 gctgtggaca aaggggggtc ag 322

<210> 1390
 <211> 450
 <212> DNA
 <213> Homo sapien

<400> 1390
 aaatattagw tgagacttta caggcacata actgttcaga tagaaacaaa cataacagac 60
 taaaatactt tcaaaattaa agccatctag aaaatggaag taactgaaac tgtagccatt 120
 acaattcttt ttctggtttt gagcaaaaat tttatctctc tggcaaaaca cttttgtctg 180
 atcatttgag agacagggtt cttgtatact gtttcttcaa cgtaaacctc atttacaana 240
 atagtacat agcattatga ataaactatg aattggggac catggaaatg cactagaaca 300
 aattttgtaa aaatatggca gatatggaag ttaaaaatag aatggatgca aggactgtac 360
 taaagggtgtt tgggtgtagt acaatgttca ctttgcacaa ctatccctat agtctaggta 420
 gccattgggt ttctcctcag cagtgtcaga 450

<210> 1391
 <211> 304
 <212> DNA
 <213> Homo sapien

<400> 1391
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 gaatttaaca accaattgta gaccatgctt tccaaatcca gtcttctttg ctatttttca 120
 aaacttctga gatctagtat taaactgctc cattctaaat gtatagtttt agataagtat 180
 tgtacacttg ttgataaggg ttttctgaaa gcagtctatc aaatataaag aatggtttct 240
 atctaagaat cagcagtgag ggaagaaata ttaaacacct atcaagaaat caattattca 300
 tttt 304

<210> 1392
 <211> 140
 <212> DNA
 <213> Homo sapien

<400> 1392
 ctggaagaag aactgagaca gcagaaagaa gcagcttgtt tcaaggctcg tccaaacacc 60
 gtcattctctc aggagccctt tgttcccaag aaagagaaga aatcagttgc tgagggcctt 120
 tctggttctc tagttcagga 140

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<210> 1393
 <211> 166
 <212> DNA
 <213> Homo sapien

<400> 1393
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 gacggggggcc ggagggtgga cactggtggc aggttaaggg atactgtcac ttttaagaagc 120
 ctgcagattg aagtgtaaac atggagaaat taggggctga tttttt 166

<210> 1394
 <211> 543
 <212> DNA
 <213> Homo sapien

<400> 1394
 gcagaggctg tgggtacaaca tggtccttgg tgaagacctg cacccttgga acctcccacc 60
 atcatcacia ctgtagtctc atttgcaagt gagaaaagaa cccgacgtcc cacagccaga 120
 tatacaccca gctccatgcc agcccttcat gtttaccttt tgctttgtta attacatgtc 180
 agactcctag agggcctcca gactaatagg aagcatttct gtaaccaacc tgccaccac 240
 tgattcagaa atggaaatca cattccacia tctatggctt ctaccagcta gccagga 300
 tacttgaaat cagcattcca attagtgttg agtctcttga ttgtgtcatt taccaattaa 360
 ataactgaga cctaagtctg ggaacagagc cacgaatctg cctttgagat gctggcagat 420
 ctcaaggcca tcaattattg ggggagggag ggacaaacac tccaatcat ccaccagtca 480
 gactgaatgt gtagctggcg aggaattact tccacttctg gccagcaca agccctgctt 540
 tgg 543

<210> 1395
 <211> 364
 <212> DNA
 <213> Homo sapien

<400> 1395
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 agctatgacc aaccgaaaact tgtcacccaa gtctacaggg taaatttgaa tgtttacatc 120
 taagattaga tccatcttga aagattcact ctcaaatgc agtcgagaca ctcggtcaaa 180
 cttcttgccc tccgggtcaa tctcttcac atcgaaaata tctcaaaca ggatgcccg 240
 catcgcgagg gggccacgag agcagcagaa ggggtgagag cgcgaccaca gttgggagta 300
 cgtgcacccc ctacgctgga caagaccgga gagaaccaa agcacctcct gaaagcgcg 360
 cggc 364

<210> 1396
 <211> 422
 <212> DNA
 <213> Homo sapien

<400> 1396
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 caggggcccg agctatggct taagccgaga ggtgcaggag aagatcgagc agaagtatga 120
 tgcggacctg gagaacaagc tgggtggactg gatcatcctg cagtgcgccc aggacataga 180
 gcacccgccc cccggcaggg cccattttca gaaatgggta atggacggga cggctctgtg 240
 caagctgata aatagtttat acccaccagg acaagagccc ataccacaaga tctcagagtc 300
 aaagatggct ttttaagcaga tggagcaaat ctcccagttc ctaaaagctg cggagaccta 360

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tggtgtcaga accaccgaca tctttcagac ggtggatcta tgggaaggga aggacatggc 420
ag 422

<210> 1397
<211> 653
<212> DNA
<213> Homo sapien

<400> 1397
ctgacctgct atcccccccc aaatttcagc ctgaggtata tttcagtga ggcaggtagc 60
tgtgtttctc agagcagaga agcagtttta agagcaaaaa ggtagaggaa atctagaaaa 120
gaaccgtctt gatacagatt tatcccatgg tgtgaaggga gggcaaagaa cccagtggca 180
cttcgcttat ccagcaattt ctgtcactgt ggtgaccaac ttctgcccgt tccatagggt 240
cttgaactgc tcaggaactg ggaattcatt aaagtcaccg ccttctgtag gaatgaggac 300
attcatctcg gaagatttgg cactgactat ttcacaatcc aggggaattct tgctcaggta 360
agcatggcag ccactctggtt tgttgatgga tatggttggc actttaccca ttacctgaac 420
tttgacatcc ttactgttga ttatctccac aatgccacc acgtcatcga ataccaggcc 480
aagttttctta cagttatcta ctgtaatgga gtttaattttg cccttgattt gcaatgtcgt 540
gttgacacac ttgtatatgt aagccacctg tttcagctct gtgtcctcaa tcaccagggt 600
ggaaacattt tcctgatttt ccctctccct tcttgccctc agttcaagta cag 653

<210> 1398
<211> 261
<212> DNA
<213> Homo sapien

<400> 1398
aaaattataa ctactcattc tttcttttagc cttagataat ttgagcagaa gccacaacaa 60
gcaaaccaca ataaatttag aattggcaga aatccacatt aactcctctt cccaagtttc 120
cacactacta ccatttacag ttgtaggttt gtaatgtata attatgtaat gcasaaacta 180
gctttgactt gtgtracgat gcactgtcaa aggaagcaaa gtaagaattg aaattccaca 240
ttcccagaat ttaacactca g 261

<210> 1399
<211> 195
<212> DNA
<213> Homo sapien

<400> 1399
ctgattttat ttcctttctca aaaaaagtta ttacagaag gtatatatca acaatctgac 60
aggcagtga cttgacatga ttagctggca tgattttttc ttttttttcc cccaaacatt 120
gtttttgtgg ccttgaattt taagacaaat attctacacg gcatattgca caggatggat 180
ggcaaaaaaa agttt 195

<210> 1400
<211> 120
<212> DNA
<213> Homo sapien

<400> 1400
ctgcctccaa ccctttgggt ctccaccacc caagtttcct gtaggggtccg ccgggtccag 60
gatcacaggc ctgggtttcg tgagctgcct tctcaggtac ttttcaataa tggggttttt 120

<210> 1401

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<211> 284
 <212> DNA
 <213> Homo sapien

<400> 1401
 ctgtagccaa aaagatgctg gggcagattg tggacaagta gaagcaacctc cttcccctct 60
 gcgacattga acggcgtgga ttcaatagtg agcttggcag tgggtggcggt gttccagaag 120
 gttagaagtg aggtctgtgag caggagcctc tgccagggga catgcaatct gcaggaggag 180
 gctgaggggg gtcccatggt ctctgctgtc ttctctgtcc acctctttgt agaggagctt 240
 gagctccagg aatgctctgg tcagggctgc tgtgactgtt ggcc 284

<210> 1402
 <211> 198
 <212> DNA
 <213> Homo sapien

<400> 1402
 ccaggtttct gctggtacca ggctaagtag ctggtgctgg cgggaacact gtgactggcc 60
 ctgcaggaga ggggtggctct ttccccgga gacagagaca gcgtgtctgg agactgtgtc 120
 acttcaagct ctgcgatgcc atctgggagc cagagtagca ggaggaagag aagctgcgct 180
 ggggtttcca tggttccc 198

<210> 1403
 <211> 441
 <212> DNA
 <213> Homo sapien

<400> 1403
 aaactcaaaa ttgacaaatt aactagcttg ctttttgtca tttggaagac taccattatt 60
 caaattttatt atgtaataca ctcatccaga taatgaaaca tctgcgaaaa aaagtgtggg 120
 aatcacctca tctgtgcata aaatggctat tatacatgaa tgcagacgtt tgaagttaga 180
 aaggaatata actcaaatac caaaagggtcc taattacaga gtttacaagt aagcagtttt 240
 attttcaaaa gtacatagta agtccagact gggctattgc caaagaacta atcttttagtc 300
 tacttcaaca tgttacatgg tattcctgac tctacagact atcagcatct gtggagggtta 360
 gtccttaaag gtcccaaaga acaggaaaca tgcaggaata aaggactcct catgaagagc 420
 aggtgggagc gagtgggcag g 441

<210> 1404
 <211> 243
 <212> DNA
 <213> Homo sapien

<400> 1404
 tgaaggggtt cttggaagac ctggcacctc cagagcgcag cagcctaatt caggattggg 60
 aaacatctgg gcttgtttac ctggactata ttagagtcac tgaaatgtc cgccatatac 120
 agcaggtgga ttgctcaggt aatgacctgg agcagttaca catcaaagt acttcactgt 180
 gcagtcggat agagcagatt cagtgttaca gtgctaaaga tcgcctggct cagtcagaca 240
 tgg 243

<210> 1405
 <211> 168
 <212> DNA
 <213> Homo sapien

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<400> 1405

aaaccactgg	atctatctaa	atgccgattt	gagttcgcga	cactatgtac	tgcgtttttc	60
attcttgtat	ttgactattt	aatcctttct	acttgctcgt	aaatataatt	gttttagtct	120
tatggcatga	tgatagcata	tgtgttcagg	tttatagctg	ttgtgttt		168

<210> 1406

<211> 486

<212> DNA

<213> Homo sapien

<400> 1406

ctggacatac	agaaattgtt	gaatttttgt	tgcaacttgg	agtgccagt	aatgataaag	60
acgatgcagg	ttggtctcct	cttcataattg	cggtctctgc	tgcccgggat	gagattgtaa	120
aagcccttct	gggaaaaggt	gctcaagtga	atgctgtcaa	tcaaaatggc	tgtactccct	180
tacattatgc	agcttcgaaa	aacaggcatg	agatcgctgt	catgttactg	gaaggcgggg	240
ctaattccaga	tgctaaggac	cattatgagg	ctacagcaat	gcaccgggca	gcagccaagg	300
gtaacttgaa	gatgattcat	atccttctgt	actacaaagc	atccacaaac	atccaagaca	360
ctgagggtaa	cactcctcta	cacttagcct	gtgatgagga	gagagtggaa	gaagcaaaac	420
tgctggtgtc	ccaaggagca	agtattttaca	ttgagaataa	agaagaaaag	acaccctgc	480
aagtgg						486

<210> 1407

<211> 560

<212> DNA

<213> Homo sapien

<400> 1407

aaatatatgc	ttttctagaa	tttgatgttt	gaccatttat	gacttaatta	ccagagagcc	60
agtaaattag	gacagtgttt	caacaagcct	aggctatctc	gtaagttgaa	aaatatccca	120
ctatagttgc	ttcatgagta	tgaagtaaga	tggcctctga	tttacctg	ttcaatttac	180
aaattttcaa	ctttatgata	ggtttatcag	ggtactaaat	gcatttcaac	ttgatagttt	240
caacttatga	taggtttacc	aggatgtagt	cccactgttg	aggagcatct	atttaggagt	300
taattacttt	agtaataagt	ggaaagtaag	ataccttgag	taatgtttgc	ctataaaatt	360
gtcagcgtat	ttttacacta	ttggctcaag	aatgttataa	tgctaaggga	cataagttgg	420
caaccacttg	gttttttgaa	ggactttcgg	tattgtatta	gaagtctgcc	ctagctgtta	480
aattttctggg	tatttatcct	aaggaattaa	ttaaagagtt	aattgttcct	ttcttcagtg	540
ggccattgtt	ttagatattt					560

<210> 1408

<211> 360

<212> DNA

<213> Homo sapien

<400> 1408

ctgcctagtt	gtagttgaca	gacaacttta	taagctctag	tcaaccctat	tgactaagct	60
tctgaaccac	tagcatagtt	ctagggtcag	gcggatgcct	actgtgggca	ggaaagtgat	120
gcatgcatgt	gtgggagcag	tgtcttaatg	tctgaaatag	tagccatgag	ctacatgtgg	180
ctatggagca	cttgaaatgt	gggagtccaa	attatcatgt	gctgtgagtg	taaaataata	240
tgtttctaag	accgtgtgtg	aaagaatata	aaatatctca	ttaaaaaatg	tttatattga	300
gtacatgttg	aaataatttt	atattttgtg	cacattgtgt	taaataaaat	attaaaaattt	360

<210> 1409

<211> 208

<212> DNA

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<213> Homo sapien

<400> 1409

ccagtccaac	ctgctcctca	ttattgtata	aatgagcaga	atcaatatgg	cggaagccag	60
cttcaattgc	caatttggtg	gcctctaaag	ctttactttt	aggaacctct	gcaggcgcat	120
aggtgccaaa	tcccaggaca	ggcatgaagt	gaccatcatt	cagcttcaca	cactgatatt	180
tcgaatccat	ttctgtcact	agcctggc				208

<210> 1410

<211> 404

<212> DNA

<213> Homo sapien

<400> 1410

aaaaaaagga	aaaagtttta	ttacgaaact	agtttgtata	aaacagggtt	atacatattt	60
ttgtaagttt	gtaataaaaac	agtaagaaaa	aaaaggcagt	aatagaaatc	tccaaaaggc	120
aacctatcaa	aaccaactgg	ctgccacttt	gagtttggac	agtagctgca	taaactttgt	180
tcttcttgar	cagtatttta	taacatcatt	aatacattaa	caacatttct	ataaagtaag	240
acacattggt	gctgaagtac	aactgggtgc	ctcttgatct	cacctatgag	gagagttctt	300
tacamawcca	catagggaaa	attgcagttg	taaggtgarc	tacacatcta	aaatatgcag	360
aggtaatagc	attacatggt	aaagtatcaa	gatatacaca	tttt		404

<210> 1411

<211> 623

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 1411

ccacttggtg	agatatgggg	agcctacact	coggagggst	gtacctttag	cactggccct	60
catctctgtt	tcaaatccac	gactcaacat	cctggatacc	ctaagcaaat	tctctcatga	120
tgctgatcca	gaagtttcct	ataactccat	ttttgccatg	ggcatggtgg	gcagtgggtac	180
caataatgcc	cgtctggctg	caatgctgcg	ccagttagct	caatatcatg	ccaaggaccc	240
aaacaacctc	ttcatgggtg	gcttggcaca	gggcctgaca	catttaggga	agggcaccct	300
taccctctgc	ccctaccaca	gcgaccggca	gcttatgagc	caggtggccg	tggctggact	360
gctcactgtg	cttgtctctt	tcttgatgt	tcgaaacatt	attctaggca	aatcacacta	420
tgtattgnat	gggctgggtg	ctgccatgca	gccccgaatg	ctggttacng	tttgatgagg	480
agctgcggcc	attgccagtg	tctgtccgtg	tgggccaggc	agtggatgtg	gtgggccagg	540
ctggcaagcc	cgaaaactat	cacagggttc	cagacgcata	caacccagct	gttgggtggc	600
ccacggggaa	cgggcagaat	tgg				623

<210> 1412

<211> 171

<212> DNA

<213> Homo sapien

<400> 1412

gcggcgctgg	gggtgctgga	gtccgacctg	ccaagtgccg	tgacacttct	gaaaaatctc	60
caggagcaag	tgatggctgt	aactgcacaa	gtgaaatcac	tgacacaaaa	agttcaagct	120
ggtgcctatc	ctacagaaaa	gggtctcagc	ttcttggaag	tgaaagacca	g	171

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<210> 1413
 <211> 189
 <212> DNA
 <213> Homo sapien

<400> 1413
 aaaagtcata aggggttttat tttgtatcat caaaatattc tataagggtcc caaataactct 60
 ttttcaaccc atgaacagta agaatttgtg aattctgata atgaaaaaag ttttcctcca 120
 ggtatgtttg tttcacattc agtcctaaag ccttgagcta tgtgtacttc cctcacacag 180
 gaacaccag 189

<210> 1414
 <211> 564
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 1414
 cctccccagc gcccaaaggt ctattacaag tacctataga cttttcacat ataagttcta 60
 gtgggtacaa gctttttttt tttttttttt tttttttttt tctattgggk atttcattca 120
 ttttgggggg ggaacaaatt ctacaaactg ctttaaatatt gkcctttttt tctaatactc 180
 acattaaactt tttatgtaaa acataccaat gcttttaata aagcttacat aggaataaac 240
 tattatagac ctgcatagat ataagtaccc atgtattaat ctacattaaa ataatggatt 300
 ttattctgcg aaractccaa gttgtcctg ggkgctaagk gaagcactta gggaaatgtg 360
 ttcagtcctt gaggtcatag gaacattara ttatatcaaa ggaaacctgg agccatcagc 420
 taagtggccc ttctgtcctg tagatacata aaaactaatg ggctccgcta tgcggctcac 480
 tttctgctat tagatactat gaggcactaa naaaaaacta ctgocctgcat catatctttc 540
 ttcgggtttga gataaagaga atgg 564

<210> 1415
 <211> 231
 <212> DNA
 <213> Homo sapien

<400> 1415
 ctgcgcttgg ataacaagta attcaacgca cgcacttaac agaaatgtta aactataaca 60
 agcaccattt gaggattaac aggaacattt ttttgaagat ttcaaacgaa ctgcactttc 120
 agtataattg tacctaaagt atttataaac agctcatcgg agcctctatt tgtcatagac 180
 ttttgagttg attgttgagg ccacataata ggaccatttt tttttgtctt t 231

<210> 1416
 <211> 540
 <212> DNA
 <213> Homo sapien

<400> 1416
 cttgatttag gatctgtggt gcagggcaat gtttcaaagt ttagtcacag cttaaaaaaca 60
 ttcagtgtga ctttaaatatt ataaaatgat ttcccatgcc ataattyttc tgtctattaa 120
 atgggacaag tgtaaagcat gcaaaagtta gagatctgtt atataacatt tgttttgtga 180

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tttgaactcc taggaaaaat atgatttcat aaatgtaaaa tgcacagaaa tgcattgcaat 240
 acttataaga cttaaaaatt gtgtttacag atgggttatt tgtgcatatt ttctactactg 300
 cttttcctaa atgcatactg tatataattc tgtgtatttg ataaatattt cttcctacat 360
 tatattttta gaatatttca gaaatataca tttatgtctt tatattgtaa taaatatgta 420
 catatctagg tatatgcttt ctctctgctg tgaaattatt tttagaatta taaattcaca 480
 tgtcttgtca gatttcatct gtataccttc aaattctctg aaagtataaa taaaagtatt 540

<210> 1417
 <211> 350
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 1417
 ttnatcatct aactgtggga tctatttcat ttctggaaat aacacaactt agttctaggg 60
 ctttcatgca catgaaatat aaaacagctt agttgttctg aaaacatgac aatgggtaat 120
 tttattcaag tccaacact gagttcagag caattctcca taggccccat taatctctcc 180
 aggtttctgg gagtatcatt aaatccctcg gcacccctaa gaagcagggt cttagcaaac 240
 atccagtttc caaatgagag tcagaggggc ttgatcctga aagtgtagta ttttcctgcc 300
 ttgtcctact ggtatagctt cttggaccta aaatctctct cctgctgagg 350

<210> 1418
 <211> 425
 <212> DNA
 <213> Homo sapien

<400> 1418
 tgctaggcag ccttattttc ataaccawt tagggaaagg aaatttagga ttttcaaggc 60
 tacattaatt ttctctccat caaatcttga ttgttcttg ataaaaatga gttcttttgg 120
 ggaaattctt tctttagaca ccaacttggt ttttctcatc ttccacagaa taattgaacc 180
 cctgacctct agatgttcaa aattccgctt caagcctctg tcagataaaa ttcaacagca 240
 gcgattacta gacattgcca agaaggaaaa tgtcaaaatt agtgatgagg gaatagctta 300
 tcttggtaaa gtgtcagaag gagacttaag aaaagccatt acatttcttc aaagcgctac 360
 tcgattaaca ggtggaaagg agatcacaga gaaagtgatt acagacattg ccggggtaat 420
 accag 425

<210> 1419
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 1419
 aaactcttgc tattgaattg agatgattaa aatggtgact taatccgtag ttattttgca 60
 cccactgaaa ggaaagtgtt ttccagaata atatgaagta tctaaaagtg tcaccttttc 120
 ttgcctgac aacaatttgg gttcctgtt tgtacaaggg gccatttggc atacctttca 180
 cagcttttat caggccaagt taaaggctga ctacattttt tcatcatgag gaaagcagtt 240
 gaaatgaggc atgagttact gtgcattggg attttagaac aattttcttg tgacagctct 300
 ttttgtgaag ttaggttctt aaaagtggc atgatgttca cttaaaatgt gcagtaatag 360
 cactgccagg atcaagcatg aaaggctttt 390

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<210> 1420
 <211> 480
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(480)
 <223> n = A,T,C or G

<400> 1420
 ttgctgaaca atgacatcgt tttctccagg ggttgaaatc catgtccatg gctgacaacc 60
 caacaaggct gggacccaaa ttcgtacaga gatgaggcag agtggagaga aacaactctg 120
 gctgagccag agtctccagc cactacttct ttttctggg ctttagctct tcggctgcat 180
 tacgcaggaa aatgtaattt ttttctggg gattataaaa ttcattgtcc tttgaccagt 240
 cgtagctgga agcgtatgca aatatgtttc cattgygatt gaaacagcaa gctgasatgg 300
 gctgayctaa ctgttccgaa gnttttagtt ttgktctggc atctttgycc cagaagctga 360
 atctaccatc agatcccaca gttgcaaggg tgccatgaac aggatggaac gccgattcca 420
 tttaccgcga taaatgycct gaggagctga agtggttggtt ccattagatc gatgacattt 480

<210> 1421
 <211> 453
 <212> DNA
 <213> Homo sapien

<400> 1421
 aaactgattg aggtcacagt attttattat ttgggggtcct caccacagga aacactgcga 60
 tacaggggca aaagagatgg cagtgccaat taaattaata caacaaaatc aatgcagcac 120
 caaccaagac tgccaggtct ggtgtcatgg gtatgccag agcccaggag ttcagaaggg 180
 ccctaagcct gatttaatgc tctgctgttg atgtcttgaa attcttaaca atttttgaac 240
 aaggggcctg cgttttcact tgcactggg ccttgcaaat tacatagcga gtgctcataa 300
 aagaactcag aaacgtggta cctctcttcc tgggtggatac aaataaagaa atctggatcc 360
 aaagttgaaa gttgctggcg atatcattca agtaggactc taaatagtgg attaagatga 420
 ggggtgggcct ggggtgaagat tctttccagc ttt 453

<210> 1422
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 1422
 ttttcttgac cactatacgg cacaacctag gggstgtawa aaacctascr caatgcagaa 60
 ggggtgaagct tcatgacaat tgggtctcggc aataatttgg gggatgtaac atcaacgaat 120
 cagacaacaa aagcaaggga atacacatgg nactaaatca gtgtgnggaa aaatatccca 180
 aacaggcaaa gcacaacatg gamtagatat atgcacattn atggaccctg naggcakkac 240
 tcacaaacat actacctggg aagcamctgg acctttaagg gatgaggtag attcaacaaa 300
 cagggcancg tatmttccac tgggatagca ttccagcctt aaaaataang aaatcttgaa 360
 aagnactaca ataaggacaa atctcgaaca cattctgtta agtaaaacaa gacaagccaa 420
 aaagggaaaa ctgtataatt acacctatgt aaaatattta gtcaaactca aagaaaccaa 480

```
<210> 1423
<211> 252
<212> DNA
<213> Homo sapien
```

```
<210> 1424
<211> 273
<212> DNA
<213> Homo sapien
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<210> 1425
<211> 618
<212> DNA
<213> Homo sapien
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<210> 1426
<211> 565
<212> DNA
<213> Homo sapien
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<400> 1426						
gtggtagaaa	gagatgacgg	aagcacatta	atggaaatag	atggcgataa	aggcaaacaa	60
ggcgggtccca	cctactacat	agatactaata	gctctgcgtg	ttccgaagga	gaatatggag	120
gccatttcac	ctctaaaaaa	tgggatggtt	gaagactggg	atagtttcca	agctattttg	180

gatcacacct acaaaatgca tgtcaaata gaagccagtc tccatcctgt tctcatgtca 240
 gaggcaccgt ggaataactag agcaaagaga gagaaactga cagagttaat gtttgaacac 300
 tacaacatcc ctgccttctt cctttgcaaa actgcagttt tgacagcatt tgctaattgt 360
 cgttctactg ggctgatttt ggacagtggg gccactcata ccactgcaat tccagtccac 420
 gatggctatg tccttcaaca aggcattgtg aaatcccctc ttgctggaga ctttattact 480
 atgcagtgcg gagaactctt ccaagaaatg aatattgaat tggttcctcc atatatgatt 540
 gcatcaaaag aagctgttcg tgaag 565

<210> 1427
 <211> 144
 <212> DNA
 <213> Homo sapien

<400> 1427
 ccactagtta tttttatgta atcaattacg gggtcattag ttcatatccc atatatggag 60
 ttccgcgtta cataacttac ggtaaatggc cgccaccgcg gtggagctcc agcttttgtt 120
 cccttttagtg agggttaatt gcgc 144

<210> 1428
 <211> 214
 <212> DNA
 <213> Homo sapien

<400> 1428
 ccactagtta ttattatgta atcaattacg gggtcattag ttcatagccc atatatggag 60
 ttccgcgtta cataacttac ggtaaatggc ccgcctggct gaccgcccaa cgacccccgc 120
 ccattgacgt caataatgac gtatgttccc atagtaacgc cgccaccgcg gtggagctcc 180
 agcttttgtt cccttttagtg agggttaatt gcgc 214

<210> 1429
 <211> 253
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 1429
 ccactagtcc antttngtgg aattotgaag ccttaattgc ttatatccat gtttctagtg 60
 aaatgagagg gtataacaaa aaagagaaca ggaggaaagc ttcgctgtgc ctgaggaaat 120
 aatctagtca aggcagcaag tctggatagt gctatagaga tgagatacct gagcagttcc 180
 agagggaagag gtggagatca gaggccagtt ttcagtgaac actgtaaaga aaagccagat 240
 gatgtgtcct gga 253

<210> 1430
 <211> 232
 <212> DNA
 <213> Homo sapien

<400> 1430
 aaattttact agtgttactt aatgtatatt ctaaaaagag aatgcagtaa ctaatgcctt 60
 aaatgtttga tctctgtttg tcattacttt ttcaaaatta tttttttctg taaagtataa 120

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tatataaaaac ttcttgctta aattgaatth ctatattagt ggtaattgc agtttattaa 180
agggatcatt atcagtaatt tcatagcaac tgttctagt ttttggttt tt 232

<210> 1431
<211> 734
<212> DNA
<213> Homo sapien

<400> 1431
cattatacaa cactatattg ccagggtcaaa gagggcaggg acgtaaatgt aactaaaaat 60
gmaaatgtat cccaaagaga taaaacaaat tccatttaca gcatgaagggt ttacaaatgt 120
acacctgtac aaccaaggaa agcatcacta cttaaattagc aaggctttta taataaacat 180
tgaaasaaga ttccctttca aagtgtaaac ttacatctat tactacacac acaatgcata 240
tatttataga aagcaaaaag agctatctga atatgtaatc atgcttaaat gctgagctat 300
caaattcact ttccagtggc cccttttcat ctctatctgg ttctacttt ctgcctctat 360
gaaaaagcaa aataaagctc aacacttcct caacatgtct gtaattctat aagcaaaaca 420
aaatacaaat ttccactctt tctcattgca aaccaaactg aaaagttaat aagtgactta 480
acttttcatt tagtgcaactt aattggaagt gtcaccatga ttttgatttt aactcttaca 540
acaattacat atgtaagtat atacaatatt tctgtacatt gccagagaca ttttagggca 600
gtaattgtat taaaaccaca tctactgtaa ataatgttag gttcttttca tctcaaacca 660
ctttattctt gcctacttac tcgttatttg catgatagtt tgtgaattat caaaatacaa 720
cttaactctt taaa 734

<210> 1432
<211> 542
<212> DNA
<213> Homo sapien

<400> 1432
tttaagaaa agcctttgag aaacatgcat acttttctct tttctcctat attcaatact 60
catatagcct aaaagatgga aactggttca agaattttaa tgacttggtc cctaaaaagt 120
taatctctc acctttgtga aatatatcaa gtgctttcta taaataaggg caggaaatgc 180
taacttcata agcatagtc tagtcattaa aataatttga tcatcttcta aaatttaagt 240
atgatagtaa cacagtaata tggaaaatct caatatactt aacacttcct aaacagcaca 300
atgaaatggt gttcaagggtc tgaattaatt tgctacagga cctaagcaag tctggttgct 360
tatcttttgg ctttaaaatt ctttaagtct aaaatgggtga taattttaga ataaactgac 420
aatgtgggga acaaacttaa attcacaac actaccata tgctcaaaaa ctctctggga 480
taattagttt cttcattgta actattgatg tactattatt tcatctttcc attagctcta 540
ct 542

<210> 1433
<211> 175
<212> DNA
<213> Homo sapien

<400> 1433
ttaaattgat tcaaaaaaac ttgacacctg tcatgtaggc cacaaaatag tagcgaacta 60
tactaagtgg tatagccac tgtggagtgt ggtcttttac tcttccaaat agcccaagtt 120
ggcaaagggt acttaaaaaac ctgccccca aaaagctaac ttttggtaga ttttt 175

<210> 1434
<211> 90
<212> DNA
<213> Homo sapien

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<400> 1434
 ttaatcacta ttgatggaag cttatatattcc ttatgaatat atacatgtat gcatatatac 60
 atctctgtat gaatcactca aagcaatttt 90

<210> 1435
 <211> 153
 <212> DNA
 <213> Homo sapien

<400> 1435
 tttacctttg tgctttgaag gttctaccat ttakaaagta aaaagccaac ccacagaatg 60
 gaagaaaaga ggacagactc taacaagcgt tcacaaagat ggagagaaat tgtaaccctc 120
 atatattgct ggtagaattg tagaaagatg cag 153

<210> 1436
 <211> 483
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 1436
 ttttttagttt aaagaagagt tttgccactt aracanggga gctwtgtctg gaaaatacac 60
 tgagttgaaa cacttcatcc ttggaaggat tatataagat gaacagytgt gataaatgtg 120
 tagattagag ggatgtgaat gggcagttag tccagtgcc tcatttaaga ggccaagatc 180
 ctgattcaga ggaggcaccc tttgcccaga gctgcttagc taatctgacc aaatgttggg 240
 aaaaatgtct cacctaacc actattcctt aattatggat tttgtgaaaa acaatagaac 300
 atgttaatga gtaatttata ttagttcgat gtattacaat tttttagctt taaattacag 360
 ytttcttata atgttgaaat gttttagaat cttttgaatc taagtatttg tttcctaaat 420
 gaaacatttg tacaacattt gatgttttta cttatgaaat attctcctcc cccaagaaaa 480
 ttt 483

<210> 1437
 <211> 171
 <212> DNA
 <213> Homo sapien

<400> 1437
 ttttgccacc tcaagaagcc attttcttgt ctgtttcctt ctttacctac ccctacaacc 60
 tatgaacaaa taccataact taaaaattta ggtagtctac aactcctaca aattttaagt 120
 tcagagacta cccaaagaac tgtggaagat gcagcaatat aaaagttttt t 171

<210> 1438
 <211> 408
 <212> DNA
 <213> Homo sapien

<400> 1438
 tctgagtgga ggtaggctaa caacacattt tgactttstc ctcaaaggat agctttgaaa 60
 aacaagtgta accaattgtt acaccaaatt aaaatggcaa tattaatcg gtaacaaaac 120

05849626.05849626

gatccacatt	ttatacaata	ttgtatttcc	aaacatacat	aggatcatgaa	aatcagagaa	180
cctaataatag	caccgttgaa	accattcatt	atccttcatg	tgtgtatgca	attcagaatt	240
tcggcagaag	acaacaaatg	gaaaaatgcct	ttcgtttcta	taaatcattt	tggaatttcaa	300
ttaaatcttt	gccttagtaa	agggtattct	tatctcaaga	tcaattagcc	gttttttagct	360
ccaccgtttt	ggaagtaaaa	atgatgagct	acatctactt	tttaattt		408

<210> 1439

<211> 168

<212> DNA

<213> Homo sapien

<400> 1439

ttacacaaca	gctataaacc	tgaacacata	tgctatcatc	atgccataag	actaaaacaa	60
ttatatttag	cgacaagtag	aaaggattaa	atagtcaaat	acaagaatga	aaaacgcagt	120
acatagtgtc	gcgaactcaa	atcggcattt	agatagatcc	agtgggtt		168

<210> 1440

<211> 307

<212> DNA

<213> Homo sapien

<400> 1440

tttcacatac	gaagaaatca	actgtgatta	tgaagtgaca	gccagctaaa	tatgtcttgt	60
attttctctc	ttcctttttt	tgccctaactc	atccttttact	tccatttctg	cttccatggg	120
aatgcaggct	caaataaatt	actaggatac	aagattactt	caagcctctt	ttctgtggaa	180
ctcataatat	gataagcatt	tgttacaaga	ttgcctgtag	ttgttttaggg	gacaaattat	240
attagggaaa	gaaagtcttt	cttttagttgg	ttaaattttc	tattataatt	gggtactaaa	300
tttattt						307

<210> 1441

<211> 684

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 1441

ttaagttctg	gagtgttcac	ttctgagcct	gaattccctc	ccctgcaaaa	tgggggaata	60
ccctcctcag	aggggtccctg	cgaggggtgag	gggagattca	gcatggcagg	tgtgctgggc	120
acggcagggc	ctgggaaggg	cagatccttt	ccccatccct	gccacaaaca	acccaaacct	180
ttaaaggaga	gcaatggcct	tgtgtcaaaa	acaaaaacaa	aacaaaaccc	tgtcctagga	240
gactggggcc	ctaattttcta	atagcaagcc	tttatgagtc	cctaacactc	tactgggctg	300
agtatctcac	acgccagagg	ataacctgcc	ttctgtcac	caccaccccg	tagtagttgt	360
cattgtgtcc	atttcacaga	tgaggcaaag	gctcagaaga	gtcatgtgtt	aaaccagctt	420
ctagagccca	tgaggagct	gcaggtggga	gaatcacctc	taggtgtctt	tcccatagaa	480
tcctcacctc	ctgagtgtca	ctcactcagc	ttccaatggg	tgtgtgacct	ttgaccagct	540
ttcttctctt	ctgggcctca	gtttcccacc	tgacaaaagt	aagaggtctc	ttggcttcan	600
gtaagttctt	cctaaacttc	tttttctctt	tcatttgagc	atcctcttca	tttttgccac	660
ctctctgtca	tttacaggct	tttt				684

<210> 1442

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<211> 166
 <212> DNA
 <213> Homo sapien

<400> 1442
 aaaaaatcag cccctaattt ctccatgttt acacttcaat ctgcaggctt cttaaagtga 60
 cagtatccct taacctgcca ccagtgtcca cctccggcc cccgtcttgt aaaaagggga 120
 ggagaattag ccaaacactg taagctttta agaagaacaa agtttt 166

<210> 1443
 <211> 194
 <212> DNA
 <213> Homo sapien

<400> 1443
 ttgacctgt caaaagaaga gctaaagaca gttatataaa aattaagggtg ggctttcaga 60
 ctggctaaca caacaacatt ccatgagtag atggtaattt atttttgttt atccatttcg 120
 ttgggagcaa ggacaaaaat gtaaatctac accttgctta tcaaaattgc cgaaaaaaga 180
 atgctctgcc tttt 194

<210> 1444
 <211> 96
 <212> DNA
 <213> Homo sapien

<400> 1444
 gagagtcgag agtgggagaa gagcggagcg tgtgagcagt actgcggcct cctctcctct 60
 cctaacctcg ctctcgcggc ctacctttac ccgccc 96

<210> 1445
 <211> 365
 <212> DNA
 <213> Homo sapien

<400> 1445
 gggatgagct gaccaagaac caggtcagcc tgacctgcct ggtcaaaggc ttctatccca 60
 gcgacatcgc cgtggagtgg gagagcaatg ggcagccgga gaacaactac aagaccacgc 120
 ctcccgtgct ggactccgac ggctccttct tctctacag caagctcacc gtggacagga 180
 gcagggtggca gcaggggaac gtcttctcat gctccgtgat gcatgagggt ctgcacaacc 240
 actacacgca gaagagcctc tccctgtctc cgggtaaagt agtgcgacgg ccggcaagcc 300
 cccgtcctccc gggctctcgc ggtcgcacga ggatgcttgg cacgtacccc gtgtacatac 360
 ttccc 365

<210> 1446
 <211> 386
 <212> DNA
 <213> Homo sapien

<400> 1446
 tctggaaagt tcttgctcgg gtcccttcac ctccccgccc tttcttarag tgcagttctt 60
 agccctctag aaacgagttg gtgtctttcg tctcagtagc cccacccca ataagctgta 120
 gacattgggt tacagtgaac ctatgctatt ctacagccct tgaaactctg cttctcctcc 180
 agggcccgat tcccaaacc catggcttcc ctacactgt cttttctacc attttcatta 240
 tagaatgctt ccaatctttt gtgaattttt tattataaaa aatctatttg tatctatcct 300

10E050-92964860

aaccagttcg gggatatatt aagatatatt tgtacataag agagaaagag agagaaaaat 360
 ttatagaagt tttgtacaaa tggttt 386

<210> 1447
 <211> 261
 <212> DNA
 <213> Homo sapien

<400> 1447
 aaaattataa ctactcattc tttcttttagc cttagttaat ttgagcagaa gccacaacaa 60
 gcaaaccaca ataaatttag aattggcaga aatccacatt aactcctctt cccaagtttc 120
 cacactacta ccattttacag ttgtagggtt gtaatgtata attatgtaat gcagaaacta 180
 gctttgactt gtgtaacgat gcactgtcaa agtaagcaaa gtaagaattg aaattccaca 240
 ttcccagaat ttaacactca g 261

<210> 1448
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 1448
 aaaaaaagga aaaagtttta ttacgaaact agtttgtata aaacagggtt atacatattt 60
 ttgtaagttt gtaataaaac agtaagaaaa aaaaggcagt aatagaaatc tccaaaaggc 120
 aacctatcaa aaccaactgg ctgccacttt gagtttggac agtagctgca taaactttgt 180
 tcttcttgaa cagtatttaa taacatcatt aatacattaa caacatttct ataaagtaag 240
 acacattggt gctgaagtac aactggtggc ctcttgatct cacctatgag gagagttctt 300
 taaaaacca catagggaaa attgcagttg taagggtgaac tacacatcta aaatatgcag 360
 aggtaatagc attacatggt aaagtatcaa gatatacaca tttt 404

<210> 1449
 <211> 230
 <212> DNA
 <213> Homo sapien

<400> 1449
 aaaagttcta gtggtacggt aggagctttg caggaagttt gcaaaagtct ttaccaataa 60
 tattttagagc tagtctccaa ggcagaaaaa aaatgtttta atatttgcaa gcaacttttg 120
 tacagtattt atcgagataa acatggcaat caaaatgtcc attgtttata agctgagaat 180
 ttgccaatat ttttcaagga gargcttctt gctgaatttt gattctgcag 230

<210> 1450
 <211> 194
 <212> DNA
 <213> Homo sapien

<400> 1450
 aaaaactcct tttggtttac ctggggatcc aattgatgta tatgtttata tactgggttc 60
 ttgttttata tacctggctt ttactttatt aatatgagtt actgaagggtg atggaggtat 120
 ttgaaaattt tacttccata ggacatactg catgtaagcc aagtcattgga gaatctgctg 180
 catagctcta tttt 194

<210> 1451
 <211> 106
 <212> DNA

<213> Homo sapien

<400> 1451

aaagatgaca aatactgggt aattagcaat ttaagaccag agccaaatta tccaagagc 60
atacattctt ttggttttcc taactttgtg aaaaaaattg atgcag 106

<210> 1452

<211> 349

<212> DNA

<213> Homo sapien

<400> 1452

ctgcagatcc tgcggaacgt caccaccac gtttccgtga ccaagcagct cccaacctca 60
gaagccgtgg tgtctgctgt gagcgaggcg ggggcgtctg gaataacaga ggcgcaagca 120
cgtgccatcg tgaacagcgc cttgaagctg tattcccaag ataagaccgg gatggtggac 180
tttgctctgg aatctgggtg tggcagcatc ttgagtactc gctgttctga aacttaacgaa 240
acaaaaacgg cgctgatgag tctgtttggg atcccgctgt ggtacttctc gcagtccccg 300
cgctgggtca tccagcctga catttaccoc ggttaactgct gggcattta 349

<210> 1453

<211> 302

<212> DNA

<213> Homo sapien

<400> 1453

aaaaataatg tgcaagagca tcatgagaaa gaagaggggt gaagagataa tccagaggaa 60
catcaaagt aagagtatac actcaaagac aggtttaaga aagaccagtc agagaagtaa 120
agaaaaaaat caagcaagaa taatgttgca aaaattaaca agaaagttgc aagcccagag 180
tggtttagcaa tgccaaacta ccatgagtaa gccacataaa acaagaactt tgggttcaac 240
tgctttaaca atcagacctt tagattcaca taacaggagt taaaaatta agagcctctt 300
tt 302

<210> 1454

<211> 268

<212> DNA

<213> Homo sapien

<400> 1454

caagcgtaaa ccgcgggagc cgagcccagc taggaatgca gacctcctga aaaccaagcc 60
gaggactgcg ggtccggtg tccacgcaga gtgtcagctt cctctggtgc aaccagcaag 120
tcttcagta tgaatcccac agaaaccaag gctgtaaaaa cagaacctga gaagaagtca 180
cagtcaacca agccaaaaag cctacccaag caggcatcag atacaggaag taacgatgct 240
cacaataaaa aagcagtttc cagatcag 268

<210> 1455

<211> 207

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(207)

<223> n = A,T,C or G

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<400> 1455
 ctgtcgcagag cagccctgcc caagawtgnc ggggtgggggc tggtgccaac gggttcccaa 60
 ggscctttcm actttkgaak ggctggartt cttgggaaac cmaaacsctg actacctgsc 120
 ttttttcttg ggcatygacs tgcttcattt ccaaaaratga tggkgcaggt gaccttttcc 180
 atcgtgagct aaaaaaagggt taggagg 207

<210> 1456
 <211> 181
 <212> DNA
 <213> Homo sapien

<400> 1456
 aaattttctgt ctgctaaaat ctatcaaata cattaaggaa aagtcocact tggcacatct 60
 cccacaccag atgttaatta ttcatactgc atgactgagg attttggagg cagagagaga 120
 ttcactctgca atatttgga caccaatgga ggtctacgtc aacacagaat ttatacagca 180
 g 181

<210> 1457
 <211> 309
 <212> DNA
 <213> Homo sapien

<400> 1457
 aaaaagwtca gagttgaaat gcctttcaac cattkccctc tgtgggtcatt tttcttgctg 60
 cctttttcac ccaagattca gcagtcagat gtttactgca cacctattac ctattatttg 120
 ctgttcttgc atggttcaaa ccaccattct gtagccaccc atcctttgcc ttatctaaca 180
 aacatttttc caggaagggt gaaaaggaag tggtgctctc attgtgtgac tcagtgtgctg 240
 tgtccatccc atggaaacat gggcacaatc aagtatttgt ccagcctatt gcaggctttt 300
 cctgacttt 309

<210> 1458
 <211> 117
 <212> DNA
 <213> Homo sapien

<400> 1458
 aaagactatt gagaaatagg aaggtattga gagattattg ggtttcatca kagcagactt 60
 aagtagcctg gttgatttta gatttgtcac agcaaaatca tgcttggatg ctcgagg 117

<210> 1459
 <211> 575
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 1459
 aaagaatgca taccagaaca tttataagca gtggagtgcg kthtattaag aatagtacta 60
 ctacaataaa cgctggctaa ataagaagtg cattatgtga agcactatgg gtggatatatg 120
 cttwgmca tactctkgtt accttgaggy agatmacrca tgkgaaccaa cttcggcata 180
 cattttcagt tgctgcgagg aatcatgtgt ttaacgaaa tgcgtcagta tgaaaaactt 240

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gaaaatattc atgaatgawg aacgcmttag gaaaaaaata kstattctca tgcaattatg 300
 tacagtctca ctgtgtarat ctcaaggcaa ggtttgcctc ctgtaaacca gatcaagggtg 360
 ctatgagaga ncgccytgnc ttattgcatt tcttttctcc tmctgcgcca gcattatatt 420
 gctctagnct ttatttttgt gtgcacactg acatgccatt aaaratgang ractatctca 480
 catgtagaaa argaaagnmc ttggankcta cctcaggctg ctaccacgct aaggggyaat 540
 tctgcaggat atccatcaca ctggcgggcg gattg 575

<210> 1460

<211> 444

<212> DNA

<213> Homo sapien

<400> 1460

ctgggggttc cttccttcac gttgagaacc tggagcagag agtctaccaa cttagaagaat 60
 attagaaaga gttcagcaaa cagagtgcag tgaagtctaa tcctagaagt aaatccattc 120
 ctacaagtca tcagcatcac ttgggagctt gtagaaagg caaattcttg gttcagccta 180
 acacctacta aatcagaaac tctgggggag gagcgagca atctgtactt tcacaagccc 240
 tgcagggtgat tctgagcctg taaaatttga gaaccagagc tgtccccag gagataaatt 300
 aacttctact tttttttgag ctactgcatt ttgggactct attgttttat cagcttaaca 360
 tgcactctga tatgattact caggatgtt tcaaccaatg ttgggttaat tattatcccc 420
 aggaacttat tactagagga gcag 444

<210> 1461

<211> 536

<212> DNA

<213> Homo sapien

<400> 1461

ctgcaaccct gggactgacc gggaggctct gattatttac ccmaccacag gtaggttgtg 60
 ttctgaatct caggttcaca ggttaagggt cagcatcctc atcctccacg ggggttgagt 120
 tgttgctggt gatgaagggt ttgggtggct ctgcatagac tgtgatcgct gtgactgtgg 180
 tcctattgag gccactggct gagttattgg cctggcaggt atagagtccg ctgttcttct 240
 cagtgatgtt ggagataaag agctcttggt tgtgttgctg gatgttccca tcaatcagcc 300
 aagaatactg tgcagggtggg ttagaggctg catggcagga gaggtgagg ttcaccctg 360
 gacggtaata ggtgtatgag ggggaaatgg tgggkctc ygggcatag aggacattca 420
 ggatgactgr gtcgctgtgs tyaractta atkcgttctg gattccacac tcatagggtc 480
 ctacatcatt ccttgtgaca ytgartagag tgagggtcct gttgtcattg gacagm 536

<210> 1462

<211> 409

<212> DNA

<213> Homo sapien

<400> 1462

ctgakagacc aggagaagtt ccagatgcag agactgtgat gctcttgact atggaattat 60
 tgcggccagt agccaagtta gagacaaaac aggcataagt cccgttatta tttggcgtga 120
 ttttggcgat aaagagaact tgtgtgtgtt gctgcggtat cccattgata cgccaagaat 180
 actgcgggga tgggttagag gccagtggtc aggagaggtt gaggttcgct cccgaaaggt 240
 aagacgagtc tgggggggaa atgatggggg tgtccggccc atagaggaca tccagggtga 300
 ctgggtcact gcggtttgca ctactgagt tctggattcc acatacatag gctcttgctg 360
 catttcttgt gacattgaat agagtgaggg tcctgttgcc attggacag 409

<210> 1463

<211> 502

090967860

<213> Homo sapien

ccttcagcct	ggatccttta	tattaagatc	aatgaggacc	atttctggaa	gatgtctggc	60
atggtacaga	ctgtctgagg	ccractgaac	acaggccctt	accctgattt	tatcagtga	120
aagctatggg	actagtttcc	ttacctctaa	aatggagaga	ataatagaat	cttccgtcta	180
agactkctgt	gagcataagc	cgagaaaatg	gaggtaaact	gcttagccca	atacttggat	240
tatcgtaaat	attcagtaaa	actagccacc	gttgttattg	taattattat	tttgattttt	300
attatacatt	tcatggaaac	ttaaaagtta	gtgataatca	ccactttttc	agttgccttg	360
ctttcttcct	gtaaatttta	ttctctctta	tcttgctcac	tgtctttaag	cattgccaat	420
ttagtataat	tattttcccc	tatcctctat	aaaatcatat	acaggatgga	tttgttgatc	480
tcagacatgt	tcaactgagtt	tt				502

<213> Homo sapien

ggcggctcgg	actgagcagg	actttcctta	tccagattga	ttgtgcagaa	tacactgcct	60
gtcgcttgtc	ttctattcac	catggcttct	tctgatatcc	aggtgaaaga	actggagaag	120
cgtgcctcag	gccaggcttt	tgagctgatt	ctcagccctc	ggtcaaaaga	atctgttcca	180
gaattcccc	tttccctcc	aaagaagaag	gatctttccc	tggaggaaat	tcagaagaaa	240
ttagaagctg	cagaagaaag	acgcaagtcc	catgaagctg	aggtcttgaa	gcag	294

<213> Homo sapien

gtgcaggtct	tacgccgtga	cccggtagcc	cagctctaag	ggaggtggca	gcatacaagg	60
ctccccctgc	ctgcgtggca	gcaggggaat	cttgctgcta	cggggcctag	agtcatggga	120
tctgggggag	ccacccctgg	gggcaagtgt	ctgccctggt	gctgtacctg	ccttggtttc	180
acagcgggtga	cccgaagaga	cagcctgagg	tccgtcctca	ctcactgtgt	ttgaggaact	240
gtgggccag						249

<213> Homo sapien

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cctcagacac cttttaattg cttaggagaa accattgtct ctgactgcag gtttgaataa 60
gttgaagacc agagaaaagt acacactggg ctacaaagga atttggagat agccaaggaa 120
caggatttcc cctagcaagc taccttctgt tcaaatcatg aaaaaagact atttcccctt 180
agaataggga agcttgctat ttt 203
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<213> Homo sapien

<400> 1467

ctgtcagaac	aggaacgacc	tgggttatgg	aagcccagaa	agggaggagg	acttcttttg	60
gtcccagtga	aagatgcttc	cagaatctgt	agccttactt	atttgcttgg	atctcactgg	120
aataacttgg	tgggtgaggtc	accggttctg	gggtgatcac	tgggtttgct	gcatagatgt	180
ttggatagat	gacactcaca	ttgcttgatt	gacagcagac	caa		223

<210> 1468

<211> 177

<212> DNA

<213> Homo sapien

<400> 1468

ctgcattatg	tgtgttttaga	acgagaagtt	gtttgtacag	tatTTTTtcta	ttgaccgctt	60
ccgtcttgcc	tgaaacctgg	gcattctttc	caatagacag	aaaatcagag	agtcaaattct	120
gatgcgcaat	gagttgttct	gagaccagta	atccacggtg	ctgcaatttg	ggTTTT	177

<210> 1469

<211> 185

<212> DNA

<213> Homo sapien

<400> 1469

ctgaagctga	gaagtagcct	atctatggar	gagacttttg	tttgtgttta	attagggcta	60
tgagagattt	caggtgagaa	gttaaacctg	agacagagag	caagtaagct	gtccctttta	120
actgtttttc	tttggctctt	agtcaccag	ttgcacactg	gcattttctt	gctgcaagct	180
ttttt						185

<210> 1470

<211> 482

<212> DNA

<213> Homo sapien

<400> 1470

ctgaccagga	gggacggttc	tgtggacgag	gacttcgtag	ctgaggagcc	agatttcttt	60
ttggtccctt	cctcctggaa	tggaatcgtg	gogctactgt	ggagatctga	gttgatgtag	120
cacctgcttc	ctcggatgta	gtccgcaccc	cggaccagat	gccgctcggg	cgtgggtctg	180
gagaaccggt	atgggggaga	ggagctctct	tcaatgatcg	gaggaatccg	ctcgttactg	240
aaataccggc	aaagggcatc	ctcccccttc	ctgccatgac	ctcgaggtct	ggcaaaaggg	300
tccacaatcc	ccatccagtt	cccatcagca	ggcatggaca	aaggccgtgg	cttgccttca	360
gagggacgag	aaagaagggtg	acaagtttga	tgagttctgg	aacttttagtg	aaccgttccc	420
tttatgtata	acttagacct	cacaatacca	caccactta	gacagaagca	ataacaaatt	480
tt						482

<210> 1471

<211> 257

<212> DNA

<213> Homo sapien

<400> 1471

tgtgtgaact	tagactkwtc	aattcaacat	ttttaacrta	tkaaatacta	ttgtgaattc	60
aatgaagtgt	tcttatgcc	ctaactttta	cctattccct	tactcamgga	tgtaggyaaa	120
rgatggtaac	aatacactat	tkggcaagat	aatgtmctga	catmtytagc	aatstttttt	180
gmcaagtggct	tkcaactgma	mwkaaskkam	mkaatattgy	tkctgtwsgt	arattattat	240
tctgwywyt	atcattt					257

T03050" 92964860

<210> 1472
 <211> 342
 <212> DNA
 <213> Homo sapien

<400> 1472
 cttttgcgag cctctgccgc agcagctccg ttttcacgcg catctcgttt ttgtgtgtgt 60
 gtttttgttt tgtttttggt tttgtttttt tgtttcagag aattggaagc taaagctacc 120
 aaagacgtag aaagaaatct tagcaggtaa gatgggagc ctttcctgtc cccgccccac 180
 gataatcgta tatttctact ccgattcgcc ctttctgggt tgagaagtgc ccccgtaga 240
 ttttcttccg caccgggaga gcagacattc gggagaagcg gcctggggga atactggagg 300
 gattgcgggg agatgcgtaa ttacgcgtgt gtttctttct tt 342

<210> 1473
 <211> 526
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(526)
 <223> n = A,T,C or G

<400> 1473
 ctgctacatg ttttcacagc ccaggaattc aaggcccagg tggcagcagg aagaaacagt 60
 ggaaaagcaa ggggaagaga aaagagaaaa aggaggggga aagtctgcat aactgtcata 120
 acctctgctt ctctgtctct gtaacaaacc cacaaccagg aagagtcagt gtctggaaca 180
 atcatgggac cccaaacgcc tgtaggtttt ttaccaccaa acatcaccca tggctgctct 240
 aagctgtcat tttgttccca cagttaccta gcatacagga tgcccaattt atggcccagg 300
 aaggctgacc caggctaagg gcagtctcac tccacagcca tgcaatggac agtctgaatg 360
 tttcctacct cagaccttta ctgacctcta ctatttcctc ctctgatata aaagaaaaac 420
 acttttaatt ttctnctgca tntacatct cctnctaaaa antttggcct aattgncatc 480
 aaaaccttgt aggaatctga aattttgggt cttctgaatc ttancc 526

<210> 1474
 <211> 187
 <212> DNA
 <213> Homo sapien

<400> 1474
 aaacttgttt gctgtgaaca attgtcgaaa agagtcttcc aattaatgct ttttatatct 60
 aggctacctg ttggttagat tcaaggcccc gagctgttac cattcacaat aaaagcttaa 120
 acacattgtc caaaaaaaaa aaaaaaaaaa gccccykccc sgggggscck ttmaagggr 180
 aawtccc 187

<210> 1475
 <211> 474
 <212> DNA
 <213> Homo sapien

<400> 1475
 ccattctctt tatctcaaac cgaagaaaga tatgatgcag gcagtagttt tttottagt 60
 cctcatagta tctaatagca gaaagtgagc cgcatagcgg agcacattag tttttatgta 120

09849626-050301

tctacaggac	agaagggcca	cttagctgat	ggctccaggt	ttcctttgat	ataatcta	180
gttcctatga	cctcaaagac	tgaacacatt	tccttaagtg	cttcacttag	caccaggag	240
caacttggag	tcttgcaga	ataaaatcca	ttattttaat	gtagattaat	acatgggtac	300
ttatatctat	gcagggtctat	aatagtttat	tcctatgtaa	gctttattaa	aagcattggt	360
atgttttaca	taaaaagtta	atgtgaatat	tagaaaaaaa	ggacaatatt	aaagcagttt	420
gtagaatttg	ttcccccccc	aaaatgaatg	aaatacacaa	tagatgtaca	aaaa	474

<210> 1476
 <211> 401
 <212> DNA
 <213> Homo sapien

<400> 1476	
ccttggggac	agggcaggag gacgcacacc tcatggacag ggcgccagg gctgagatac 60
cagcgggggt	ggtattcccg gcgggtgctt acctccaaca gtgtcttgct agcaaaggcc 120
atgatgccct	caaagatgat gacgtttgca ccatacagtg ttttctgtga agaaacccag 180
gagttgcgga	gcctggctca tgtgcctgca gccccccgag gccccctctg cagggccctg 240
gcctaccag	tccttcttcc ggctgtgctg ggtgaagtca taaatgggca ccttgacact 300
cttccccctg	ttcagcttct tgagggtgga aatgatgaag gtcgaagtca aaaggcatct 360
ggggtgggtc	gaaagtttga aagtttgctt gtggtgccgg g 401

<210> 1477
 <211> 753
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 1477	
cagcatgctt	aaaaagttgg aggaattgga acagaaatac acctwmcaac ctkrmcctnt 60
tacccaaaac	aaacnagtgg tatkggamcc sacctttmrk ctttttcmac macttatttc 120
aaagytsrtt	kgtggkgaaa agmcacycyk snatscywcc rcacccttgw aggcyygttg 180
acttrataac	akknctgctn atnwnvtgta ggggtgatay tgatgrtgaa attgcactta 240
gctgggttat	aattkgaaag tcaaagtctt atttgataaa gatgtgaatg agagaaatac 300
agtaaaagga	tttaggaagt tcaacatttt gggcacgcac acaaaagtga tgaacatgga 360
ggagtccacc	aatggcagtc tggcggctga atttcggcac ctgcaattga aagaacagaa 420
aatgctggc	accagaacga atgagggtcc tctcatcggt actgaagagc ttcactccct 480
tagttttgaa	acccaattgt gccagcctgg tttggttaatt gacctcgaga cgacctctct 540
gcccgttgtg	gtgatctcca acgtcagcca gctcccagagc gggtgggcct ccattccttg 600
gtacaacatg	ctggtggccg gaaccagga acctgtcctt ctctctgact cccccttggt 660
cacgatgggc	tcantctttc anaagtgtt gagttggcag tttttcttnt tgtcacccaa 720
aagaaggtct	caatggnngg acccanaacc ttt 753

<210> 1478
 <211> 421
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(421)

T05050" 92964850

<223> n = A,T,C or G

<400> 1478

aaacctatac	tcaactttccc	aaattgaatc	actgctcaca	ctgctgatga	tttagagtgc	60
tgtccggtgg	agatcccacc	cgaacgtctt	atctaatacat	gaaactccct	agttccttca	120
tgtaacttcc	ctgaaaaatc	taagtgtttc	ataaatttga	gagtctgtga	cccacttacc	180
ttgcatctca	caggtagaca	gtatataact	aacaaccaa	gactacatat	tgtcactgac	240
acacacgtta	taatcattta	tcatatatat	acatacatgc	atacactctc	aaagcaaata	300
atthtttca	tcaaaacagt	attgacttgt	ataccttgta	atttgaaata	ttttctttgt	360
taaaatagaa	tggtatcaat	aaatagacca	ttaaccaana	aaaaaaaaga	aaaaaaaaaa	420
a						421

<210> 1479

<211> 214

<212> DNA

<213> Homo sapien

<400> 1479

ggaaatatat	aataaaaaatg	ttaaccagaa	ggtaaacttg	agtgtaatg	tcagacagac	60
acacttttcc	accagtgtat	ttgaatttta	gaccagtgc	cctgttttgt	ggcattcatg	120
caaaacatgc	tgagggtttt	gttcatctgg	tcacgtgtgc	caaatttcag	tcattgtttgt	180
agcaagattt	tggaagcatt	catatttcc	tttt			214

<210> 1480

<211> 434

<212> DNA

<213> Homo sapien

<400> 1480

ggaggccgct	tacgtaaagc	ccaggggaca	ttcaacagcc	cctactaccc	aggccactac	60
ccaccaca	ttgactgcac	atggaacatt	gaggtgcca	acaaccagca	tgtgaaggtg	120
cgtttcaa	tcttctacct	gctggagccc	ggcgtgcctg	cgggcacctg	ccccaggac	180
tacgtggaga	tcaatgggga	gaaatactgc	ggagagaggt	cccagttcgt	cgtcaccagc	240
aacagcaaca	agatcacagt	tcgcttccac	tcagatcagt	cctacaccga	caccggcttc	300
ttagctgaat	acctctccta	cgactccagt	gacccatgcc	cggggcagtt	cacgtgccgc	360
acggggcggt	gtatccggaa	ggagctgcgc	tgtgatggct	gggccgactg	caccgaccac	420
agcgtatgac	tcaa					434

<210> 1481

<211> 131

<212> DNA

<213> Homo sapien

<400> 1481

aaaatcccc	taaatctttt	ctgtcctgag	gtagttgcaa	aataaatcat	aacttggata	60
tcaactagag	ctgaggcttt	gactttttac	tcattaaaac	tagttgttac	aggaactacc	120
tttagatatt	t					131

<210> 1482

<211> 324

<212> DNA

<213> Homo sapien

<400> 1482

09849636.050304

tgctcgctcc	tcagaggctg	aaaacatgag	aagctagggtg	tggtgaaacc	aaagcagctt	60
tattgttcaa	atgctaaaga	cgggaggatg	gactgggtca	agccttaaag	aaaccatctc	120
gactttttga	actcagtga	cgggtttaag	gaaaacgtgg	gaaatatgca	aaggtgggtgc	180
aggaggggtgc	aggtctgtgt	gtcttattcc	catggatata	ttgagtaata	gcttgtccag	240
aggtgggggtt	tgtgtcatcc	tgaattcaac	ccagcaatgg	tagggtagctg	ttcataactc	300
accctaagcc	agaagattcc	tcag				324

<210> 1483
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 1483						
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gtggtacata	tttgatttaa	tagaagttgt	ttatcaggct	atatatatat	ttgccccaaac	120
atgcaccaca	ggataaaaata	actattttaca	taacataggg	tattttaattg	acatagacta	180
tcagctttgc	tgagagcaga	agatggcaaa	gcaatactgc	agcagaaagt	ggaacaacta	240
ttctaaagca	atactttaga	tatatTTTTc	tagaatggat	ttattagatt	actttttgga	300
aagcatttga	cctaaattaa	atatagagct	ctgaaactta	gaataaaaatt	tgcaacttgct	360
gaaacagaat	actttgcata	aaaataatcc	ttt			393

<210> 1484
 <211> 323
 <212> DNA
 <213> Homo sapien

<400> 1484						
tttagatcag	aaagtttgag	gtcttcatca	gcagacactc	gtgcttctat	ttttcttggt	60
ttatcgaaca	gttctgaaac	tttgagaaaa	aacttgcata	tatctgtaga	atcctgagtt	120
cctaaagcat	ataatgaaga	accaattcta	ttgtaatcat	ctgcagcact	tttgtgggat	180
cttgtcattc	tatcagattt	agcagatgca	tccttaactc	ggttatgata	ttccaaaaga	240
aatgttcgtt	cgtgctcaaa	gaaatcatct	acatccttta	ctcctgaaac	gattactcca	300
tctgctgatt	taaccatggt	ttt				323

<210> 1485
 <211> 405
 <212> DNA
 <213> Homo sapien

<400> 1485						
aggagcgtca	ggaaaacacg	ggcagcctgg	gctctgaccc	gagccactcc	aactccacgg	60
ccacgcagga	agaagacgag	gaggaggagg	agagttttgg	gaccctctct	gacaaatact	120
cctcccggag	actattccgc	aaatccgcag	cccagttcca	taacctgcgg	tttggggaac	180
ggagagatga	gcaaattgaa	ccggagccca	aattatggcg	aggccggaga	aacacccccgt	240
actggtactt	cttgcaagtgc	aaacacctga	tcaaggaagg	gaagctgggt	gaagccctgg	300
acctgtttga	gaggcagatg	ctgaaggagg	agcgattgca	gcccattggag	agcaactaca	360
cggtgctgat	tgggggctgc	gggcgggttg	gctacctgaa	gaagg		405

<210> 1486
 <211> 230
 <212> DNA
 <213> Homo sapien

<400> 1486

aaaaatatgt	ggattgtgct	tgacgtagca	aattttcttct	atctgcaaaa	gcccttttct	60
cactacctca	tatacacccc	tttgatatgg	caccatgttt	gaaattggag	cgtacacaca	120
tagtcattgg	atttactggg	attctctttg	tgacaagtag	gagccaaggg	gtcatgcagg	180
gaagcgaacg	tgcccgataa	ggatttcctt	gttgccagag	tgtttagcag		230

<210> 1487

<211> 273

<212> DNA

<213> Homo sapien

<400> 1487

tttccactct	gcacattgta	gaggggaacac	tctgtaggcc	catgggtccc	ttactagaga	60
ggttgagtga	atttgccttc	agttaacatg	ggaccttctg	tttagcttcc	tcttgcttcc	120
caaagatttt	aagcattttg	taaatgtata	aactcacctc	tggtaacagt	ggcccagacg	180
ctgctttgtg	ctaaaagcat	gggaaatgta	aaggcagtct	ttctctggga	aatggatgct	240
attctattct	gctgccccta	cctgttctct	agg			273

<210> 1488

<211> 452

<212> DNA

<213> Homo sapien

<400> 1488

cctactgtgc	cccgtaggca	aagctctgaa	gatttcatcg	aaaaatctgc	tgtcaatacg	60
tagaaaagtt	cactatttca	gtttcacagc	aaaaaagggtg	gggggagggg	ggaacccaat	120
agatatttaa	gtagatgctt	tccaatccca	ttcactgcat	taattagctt	acctcttata	180
cagtacaaca	taaacattgc	atgtttattt	gtatgtaaca	cctataagca	tatagcatct	240
acattttaag	tgtatttaca	aattcaacaa	aatatctaca	tataaaaagc	tttacttaaa	300
attaaacttg	atgcaagtta	tgagaaaacca	atttattggc	aaatgaaact	gagcattcct	360
tcaaccatag	gttggttatag	attttcatat	ttggaggtaa	cccatttgat	agatattggt	420
tatgaatacg	atagaatata	tattttacttt	tt			452

<210> 1489

<211> 653

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 1489

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ccagagcatg	gaagtctgat	cccagggttg	acatatttct	tctgaaaatg	agcatcttgg	120
ttctatagat	tcttatcttg	ctcacaggac	ttgctccaaa	actgaatttt	cagaagcagc	180
atgataggga	aagagatatt	caactctgac	agacaaggta	gatcgaagca	cccacactaa	240
tttctttcag	gtgccccatg	aggaagactg	catcatgtca	cttccactca	cttggggaga	300
ttctaggact	gagacacaaa	gttccccag	agtttctgct	aatggaaggg	gaaacaggtg	360
gtttggaatg	gaaagggtgga	accagggtcca	caaaaatgtc	tccctctgct	caagactgac	420
tttggttttc	ccagggtcccc	acttgacttt	catataagct	gagatgacct	attacgggaa	480
aaattaggga	acacctaata	aaaccaactt	tcaaaaactc	ctatttatca	tggatgtgcc	540
acgatcgaga	gaatcnaaca	cnaactgnct	gtnagagagg	ccttcattnt	gnctcatctt	600
gagctaaaat	cctgrotttg	gatgccagaa	ancatgnccc	tcttntcggt	ttg	653

<210> 1490
 <211> 363
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 1490
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 acttccatat tttcacagcc atctccgaaa gcagcagttg ctgtaaatta actgagactt 120
 ggaaatgggtg cagactgtct tggtagagct gttcttatag cacaatttta tctggaaaat 180
 aaacttgtaa atgctgtgctg tatattaata catgtgtgcc catatttatt tttattatct 240
 cctgccagtc tttgctcaat gggagatgac agaccaactt ctcaacgtga tttccccatt 300
 tcattgaatg agatttatat gccacttatg aaaaaaata ctgctgngaa agaaatgtac 360
 ttt 363

<210> 1491
 <211> 163
 <212> DNA
 <213> Homo sapien

<400> 1491
 taatcagccc ctaattttctc catgttttaca cttcaatctg caggcttctt aaagtgcag 60
 tatcccttaa cctgccacca gtgtccaccc tccggccccc gtcttgtaaa aaggggagga 120
 gaattagcca aacactgtaa gcttttaaga aaaacaaagt ttt 163

<210> 1492
 <211> 184
 <212> DNA
 <213> Homo sapien

<400> 1492
 yattccccag gggaaaaaatt gaaagtcaaa ctattcacca agagaatgca ttgtctttgc 60
 aaatgagcct aagaatcaga ctttttataa atacatgttc aagtttcttg tggttctaaa 120
 tggacactga gaactgaaac tgtctacacc aagtttacia tctatattaa ctatcattwt 180
 acag 184

<210> 1493
 <211> 273
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 1493
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 gatacaagcc tatggcacac ttctccaaag caagctatac ttgagagcca attcccaaat 120

054956-050350

aagacagcag agatctgatt aaatgcaact gtgcaaacat tcaacagaca tgttgaatgt 180
aagacaaatt atgattactg ataatatgca aatgtggtct ataaatttat gaatgtgact 240
tccaagggga atatggtatg gaagcccatt ttt 273

<210> 1494
<211> 343
<212> DNA
<213> Homo sapien

<400> 1494
ttggaaagcc tatcactttc tctcttcatt ctccagcccc cacaccaagc acacagagct 60
tttcagtgtc ttactcttaa tggagaacat aaccagggat tatcaggtat tccaacatga 120
aaaagaaagt ccaatagaaa caagcaggat aatcaaacca ggaggaagca gagactatat 180
agagaaagaa aaaaagacac atgggaataa cggcaataat actgacaata cacctacca 240
taaacttattc agaatgaatt tgttggagaa atatatggag gggagggtact tgtgtgtgtg 300
cacaggcact catgtacacg tgtgtatgtg tatgtttttt taa 343

<210> 1495
<211> 378
<212> DNA
<213> Homo sapien

<400> 1495
tagcattctt ccagccactc tggcgtcact atgtgcttca cgacagaaat cgccgtcagg 60
aacttcacgg tgcgagtcac tttgctggca atgaggtgtg tgcacttctg tgcagactcc 120
gcaacctctc caccaagaat gtagagcttc ttaatatact gttgaacctg gacaggctcg 180
aatccagtga aaagcacaaa aggggtcaat tctggagtta gcttttttagt gggagggtgtg 240
acgtcttcaa ttctggctct tttggaagaa ggctggacat tagctacttc attctgtttc 300
agtttgggag gtagtcttat actcatcaac aactctgcag acacttttaa gggaactctc 360
caagcatcta aaagattt 378

<210> 1496
<211> 181
<212> DNA
<213> Homo sapien

<400> 1496
tggagaagga agttttcctg aagagccaga atccttgcta agtcatttag atccaactga 60
ccatctttat ttctgtcaaa aatcttcatc atggtgccag tgtattcttc cagtttagcc 120
tcagaaatgg cctttttgtg gtgaagaaag aggtctcgga ggaagttgcg gagctcagca 180
g 181

<210> 1497
<211> 373
<212> DNA
<213> Homo sapien

<400> 1497
tggaagctga tccaccttga gatcaagccg gccatccgga accagatcat ccgcgagctg 60
caggtcctgc acgaatgcaa ctgcgcgtac atcgtgggct tctacggggc cttctacagt 120
gacggggaga tcagcatttg catggaacac atggacggcg gctccctgga ccagggtgctg 180
aaagaggcca agaggattcc cgaggagatc ctggggaaag tcagcatcgc ggttctccgg 240
ggcttggcgt acctccgaga gaagcaccag atcatgcacc gagatgtgaa gccctccaac 300
atcctcgtga actctagagg ggagatcaag ctgtgtgact tcggggtgag cggccagctc 360

atcgactcca tgg

373

<210> 1498

<211> 337

<212> DNA

<213> Homo sapien

<400> 1498

gctctttag	tgcttttctt	ttaagggaga	tgtagtaaaa	gggaaaatgt	agctcttagt	60
ttacacttca	aagatgtggg	ggtctttcag	agaactaaga	ataacagttt	tatgtgcaga	120
gagagtttgc	cagatctgaa	gcatatacct	cattgactag	gctgttactt	tgggataggt	180
tgcagtacca	gccacagcca	gcagatagag	gaaaagacac	acataaactc	gcttctgagc	240
gtccacttct	gcactctctg	ctctgctgtt	actcagcccc	tgagtctgac	tcactctctg	300
acaacctctc	tgtgccatga	agataagtct	tccatgg			337

<210> 1499

<211> 314

<212> DNA

<213> Homo sapien

<400> 1499

catgcggagg	gacttttagca	tggctgataa	ggtccttctt	accattccaa	aagaacagag	60
gaccagagtt	gcacactttt	tggaaaggca	gggcttcaag	cagcaagctc	ttacagtatc	120
cacagatcct	gagcatcggt	ttgagcttgc	tcttcagctt	ggagagttaa	aaattgcata	180
ccagtttagca	gtggaagcag	agtcagaaca	gaagtggaaa	caacttgctg	aacttgccat	240
tagtaaagt	cagtttgcc	tagcccagga	gtgcctgcat	catgcacagg	attatggggg	300
cctgctgctt	ttgg					314

<210> 1500

<211> 321

<212> DNA

<213> Homo sapien

<400> 1500

cctgaaacct	ggtgggaaga	tgattgaaag	tgttttagat	tcaacagatt	gactatgtat	60
gacttatcta	ttaaaatgaa	gaacttccat	ggtttaatag	aatgaatgct	gtattcaaca	120
aggtcttcca	tccttcttat	aaatcttaag	actgtgttta	agctttcttt	cacttttact	180
ctatcccttg	gaagttaatt	gggaataaaa	agatttatca	atttagtcac	tataatttaa	240
ggccaggcat	ctgcttgga	atacaataac	cacaattaat	acttagagaa	aattgtttca	300
acagattaac	tctgctattt	t				321

<210> 1501

<211> 557

<212> DNA

<213> Homo sapien

<400> 1501

ctgctctggg	gaaaatggtg	gaggagccag	gcagagagga	ggagcagagt	gctggcagtg	60
gaaagcctag	ctgagactgg	agatgcccc	ctgcccaaag	catctcagcg	aggatgcttc	120
tccatatggg	tgagccagcc	tagagacaga	acagggggaag	ccagcgggtg	ctgcagcgac	180
ccaccgcccc	agaacatctg	catcttacat	caacaaaggt	ttatttctca	ttaatatcca	240
ttgtgggttg	gctgccactc	taaccctcgt	tgctctcca	tctgggtctt	gggtggcaga	300
gcagcctgtc	tctgtggcag	aggaaaagag	agcactgggc	agcacaggct	gactctcaaa	360
ttttccgcct	gaaggtgacc	caagtcactg	ctcacatttc	attgactaaa	gcaaaatcct	420

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<210> 1502
<211> 249
<212> DNA
<213> Homo sapien
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```
<210> 1503
<211> 302
<212> DNA
<213> Homo sapien
```

```
<210> 1504
<211> 430
<212> DNA
<213> Homo sapien
```

```
<210> 1505
<211> 164
<212> DNA
<213> Homo sapien
```

```
<400> 1505
ccagtcacct tcaccttcta actaactagc ctccggatga ggtggctgcc accaggcccg      60
aatgatcccc aggagcccg  cttccaaacc ccaacatcga atcaaacatc tccatcccca      120
agtgcagtaa cacacaaaaa ccaaacactc tgccctggga aagg              164
```


<210> 1506
 <211> 189
 <212> DNA
 <213> Homo sapien

<400> 1506
 aaaagtcata aggggttttat tttgtatcat caaaatattc tataaggtcc caaataactct 60
 ttttcaaccc atgaacagta agaatttgtg aattctgata atgaaaaaag ttttcctcca 120
 ggtatgtttg tttcacattc agtcctaaag ccttgagcta tgtgtacttc cctcacacag 180
 gaacaccag 189

<210> 1507
 <211> 268
 <212> DNA
 <213> Homo sapien

<400> 1507
 ctgcacagag gggcacggaa ctccaaatcc tggaatgcgg gtcaataatg tgaattctgg 60
 ccctgaccgc cagacacaca gcaagcctga gtcactctgcc gtcaccatgt cagccacaca 120
 atcctgtccc tgggcaggct cgggtggcaat gtctgtgatt ggcactctggt gccagccag 180
 ctctcgcctc agtacaatgt tgggaccctt tgctgggatg tcaaacacca gcacccggcc 240
 tgaccacgtt cccacacaga tgaagtgg 268

<210> 1508
 <211> 159
 <212> DNA
 <213> Homo sapien

<400> 1508
 aaagatggga aggcaataaa tgtgttcgta agtgccaacc gactaattca tcaaaccaac 60
 ttaatacttc agaccttcaa aactgtggcc tgaaagtgtg atatgttaag agatgtactt 120
 ctcaagtggca gtattgaact gcctttatct gtaaatttt 159

<210> 1509
 <211> 234
 <212> DNA
 <213> Homo sapien

<400> 1509
 ccattgtgga gtacattatg aacacaaatgt gcttgykaag tcttctctct cattttcaga 60
 cagcaattgt taagagtcac acacacgtcc cagacctaag cagcaactcc agtgaatggt 120
 actcagacac actcacggga cagcacagaa cttgattctt ctttgtctgt tgcccaaaga 180
 acctgttctt tgagtctggt ccaggtgact tgtaatgata cctcttacgg tttt 234

<210> 1510
 <211> 437
 <212> DNA
 <213> Homo sapien

<400> 1510
 aaagcagtag atcttaatat gaagacagga atttctatga tgcttacgaa cattagactc 60
 aacatttttg cagccccctt tcttgggtcta cattcacaca aacatgagac acagtcccaa 120
 gggagaaaaca gatgctggag gagcatttag ggccagagtg gaggcacaga ggaagctggg 180
 atttttcaac taccocctcc ttggttactc ctgggattcc cttaggattt cacggcacia 240

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<220>  
<221> misc_feature  
<222> (1)...(511)
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<223> n = A,T,C or G

<400> 1514

ctggagatca	ggaatagaac	ctttccaaga	tatcataata	ttttctttat	aggaacactg	60
agtaatggca	agaatatatt	gagcttttcc	atggttaaga	gcgatagtct	cagaggctgg	120
agaaaatgtt	cattctgctc	agtgatccag	gagtgtgagg	acagtagctt	cctttccacg	180
tccacaagac	aatgacagat	gtgtttcctt	ctttgccctt	tctagggatc	tttctaggga	240
tgttgattct	ctcacaatat	ttcaatgtcc	catttctgtg	tttcttctcc	ctccaggggc	300
tgatttacga	ttacatgagt	cttgtcacaa	taatttcctc	ctttaacatc	aaggacaagt	360
tgatcactga	gataagagct	gatagttcca	tttttattca	gtctccactt	ctgcctgaat	420
tgcccatgtt	cagtcocatag	agctacttta	gctccagggtg	tggtcccggc	cnccatcaca	480
tcaagaactg	gtttcactgg	gccttggatt	a			511

<210> 1515

<211> 176

<212> DNA

<213> Homo sapien

<400> 1515

aaaggggaag	gkgaractta	aaagtattcc	caactagatt	atctacacca	atacattgga	60
actctatatt	ttgctttcat	tttgtcttaa	aaaaatgaaa	tagcaacgct	ctatcagtca	120
cacagaggac	atgcarattt	agcagtattg	atattatact	ctatcttggt	ggattt	176

<210> 1516

<211> 309

<212> DNA

<213> Homo sapien

<400> 1516

ctggggaaaa	ccgtgcatta	cctgcccato	ctgttcatcg	accagctcag	caaccgcgtg	60
aaggacctga	tggtcataaa	ccgctccacc	accgagctgc	ccctcaccgt	gtcctacgac	120
aaggctctcac	tgggcgcgct	gcgcttctgg	atccacatgc	aggacaccgt	gtactccctg	180
cagcagttcg	ggttttcaga	gaaagatgct	gatgagggtga	aaggaatttt	tgtagatacc	240
aacttatact	tcctggcgct	gaccttcttt	gtcgcagcgt	tccatcttct	ctttgatttc	300
ctggccttt						309

<210> 1517

<211> 182

<212> DNA

<213> Homo sapien

<400> 1517

ccaacatcta	atTTTTTTTtac	TTTTTaaatta	tagctgttgt	gactgatgtg	agatggcatc	60
ttactgtggt	TTTTgcttgc	atTTattttat	ttgatgatta	gtaaggatga	gtgttttttc	120
atatacttga	gtgtcttctt	ttgagaaaat	atctgttcat	gtcctttgcc	ttttcttgat	180
tt						182

<210> 1518

<211> 548

<212> DNA

<213> Homo sapien

<400> 1518

cctgagggag	agggaaaagc	ggatacccac	ctgtgtcgct	gtttgcgtgc	caagtccagg	60
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aacagtccat	acagccctgc	tgcattccac	gacgctgtca	caaagcagga	gttcatccga	120
ggccaaggtg	ttgtcatgag	aatattcgtt	aaagtaggga	cgctgacttt	gttcttgggc	180
agattctctt	cctgtggagt	atccagcctg	tttgccctagt	tttcctgttc	ttctggggtc	240
tgatctctat	ctgttttact	gcagtccagt	taccaaagtg	gtataagtaa	aattgaaaga	300
attctaaata	ccttttcccc	ccacgttagc	tgccctcacgt	taatgtgggc	ttacggtctg	360
caaataagtg	ttttgatgat	ttggcgactg	cagttaccca	tactagctct	cctaccactc	420
actactgaca	gttaattatt	atcgaatatc	cacccaccca	gggtgagtta	taagtatac	480
caggtgtttt	ggttaataat	actaatgcaa	ttaatttact	ggttactctc	tcattcttaa	540
gtaatcag						548

<210> 1519

<211> 491

<212> DNA

<213> Homo sapien

<400> 1519

ctggtgaagg	acggcttccct	ggtggaagtg	tcagagagct	cccgaagct	gcggcacgtc	60
ttcctcttta	cagatgtcct	actgtgtgcc	aagctgaaga	agacctctgc	agggaagcac	120
cagcagtatg	actgtaagt	gtacatcccc	ctggccgacc	tggtgtttcc	atcccccgag	180
gaatctgagg	ccagccccca	ggtgcacccc	ttcccagacc	atgagctgga	ggacatgaag	240
atgaagatct	ctgccctcaa	gagtgaatc	cagaaggaga	aagccaacaa	aggccagagc	300
cgggccatcg	agcgcctgaa	gaagaagatg	tttgagaatg	agttcctgct	gctgctcaac	360
tccccacaa	tcccgttcag	gatccacaat	cggaatggaa	agagttacct	gttcctactt	420
gtcctcggac	tacgagaggt	cagagtggga	gagaagcaat	ttcagaaact	acagaagaaa	480
ggatcttcag	g					491

<210> 1520

<211> 169

<212> DNA

<213> Homo sapien

<400> 1520

ctggtactgt	cgatttggaa	agctggctgg	aaaaaactta	ttcatgaagg	ggctgatggg	60
gtgggacagg	gccaggattc	ccagcacgaa	gaaatacatg	gacagcagga	ggttgatgta	120
ctcctgggag	aatattttga	aaaagaggta	gagccccaag	agtgtgcag		169

<210> 1521

<211> 293

<212> DNA

<213> Homo sapien

<400> 1521

aggacgacgc	tgtrgargc	aggagagca	aattaccaca	gcttcttggc	ccagttctgc	60
ccttctttgc	tttgggattg	cactgggcca	tcagctcatg	ccaggctatg	ggggcagcca	120
gttgccattg	ctccccagac	tgaacagaaa	cctggccgcc	ggatgggacc	tcctttggca	180
cagacttgac	tgtgtaactg	cataaactgc	agtagcatca	ttgccctaga	tgccccagga	240
gacctggcac	catgaggatt	acagacagtg	gaatcttact	gtcatctgga	cag	293

<210> 1522

<211> 386

<212> DNA

<213> Homo sapien

<400> 1522

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ccacgtggga	ctttgaagac	agcacaacac	agtccttccg	ctggcatccg	ctccgggcc	60
aggcggagaa	atacgaagac	agcgttcctc	agagtaatgg	agagctcaca	gtccgggcta	120
agctggttct	cccttcacgg	cccagaaaac	tccaagaggc	tcaagaaggg	acagatcagc	180
catcacttca	tgggtcaactt	tgtttggtag	tgctaggagc	caagaattta	cctgtgcggc	240
cagatggcac	cttgaactca	tttgtttaagg	gctgtctcac	tctgccagac	caacaaaaac	300
tgagactgaa	gtgccagtc	ctgaggaagc	aggcttgccc	ccagtggaaa	cactcatttg	360
tcttcagtgg	cqtaacccca	qctcag				386

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<210> 1523
<211> 178
<212> DNA
<213> Homo sapien
```

<400> 1523						
aaaaagccta	tcccatactg	aattgtggga	acctatgaag	tgtctcttaa	tgtcaattaa	60
aagtaacagt	ggctgcagat	attgatttct	gaaagtacat	gagaatttgt	ctctaactat	120
ggttgaaaaca	acaaaaccaa	atctgaatca	ggtagaggtc	taccagacac	aaactctg	178

```
<210> 1524
<211> 319
<212> DNA
<213> Homo sapien
```

<400>	1524					
wyacagcwg	aaatggggca	ctgaagtgtg	gagscacaka	atgcgggagg	gcagaaccac	60
agacaggagg	ctgagattga	cctcctgagt	gcaagctggt	ctccccttca	cctcctgcac	120
cctacgcaga	tggtgcttac	cataggattg	ccgtaaaaca	gagacacgca	ccagcgagaa	180
actttagccc	ttagtatccc	atcctcagga	cagaatcact	ctaaacatg	ttgaaataca	240
tctgcttaga	gcttttctat	gtgtctatat	aatgtatgca	taatatacaa	ttagaagcat	300
gtgattttat	aacattttt					319

```
<210> 1525
<211> 467
<212> DNA
<213> Homo sapien
```

<400>	1525						
ccagactaga	cagagatcag	gtcatcaggg	gagcttccga	gcttcagcaa	agccccacagg		60
tagctctgcg	aactcagaat	gctaccctac	cttccctgca	ggcgcgtgtt	catgtctgga		120
ctcctggggg	cgctatttaa	tgtttacccc	catctccagt	gccccctcca	aggctgtgca		180
gtgtcttggg	gctctcaggg	ccaacatcga	agagatgggg	gccacctctt	aacacctggc		240
aacagtctcc	cctcatcctg	attcctgaca	acagacaaaa	caccggtttc	tagggtttat		300
ctgtttgttt	tttgagttga	gggttccctca	gggccttggc	attgctagtg	atggcccoct		360
ttgctgtgtg	agaacccctt	caaccccttc	ctcctccctc	tggggatgaa	gtgggagtat		420
ttggctcccc	atttttgaca	aaagggctca	gtgcagggag	gtggagg			467

```
<210> 1526
<211> 439
<212> DNA
<213> Homo sapien
```

```
<400> 1526
aaactgttta ctggagaaaa tctctgctca tgtccattta ttgttttttt ctgtactgtg      60
atttgtttca agcttaggaa aactagtata ttagagtatg ttctaggaaa ttaaaagatc    120
```

tggttagagt	aaaaagttct	ttttaagggt	cttaactaat	tttttcacaa	ctaagaaaat	180
aaatgaagta	ttcttaggct	gaaattcatc	ttattttatc	ataaattaga	ttgtaggggc	240
agcctacatt	tttgtgtatg	tggtttttatt	tcttaaatga	ttgtgtgagc	ctgggtgacat	300
tttatgggtc	ttgtgatcta	aactgttttt	ccaattcaca	tcttttgctg	tgaagtgata	360
ttatactaga	gtactgtttg	cattgtaaaa	atgctttgct	ggtgctctgg	cattttgtct	420
ttatctcatc	acctaattt					439

<210> 1527
 <211> 609
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 1527						
ctggagaact	tggtgccaat	taggtgcaat	cggttgagta	attagcccat	cttttacatt	60
tcttgccaca	aaatctcgaa	gagctgccat	ttcagggttcg	gacagtgaat	acacatgtcc	120
actgggaata	ctgtgtgctc	cagggtatcat	ttctatgtga	gggtcaacca	ggcgggtgatc	180
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ttggtaaact	ctgtatccat	ctactggata	atagagtggc	ggttggtggtg	ctgggtggtgg	300
gagcgatggt	ggtattggag	aatacatccg	gcagtggtag	cggcagtatt	cagaatcaaa	360
gacgatagat	cgagtgtctc	atgtgatatt	gggatcatgt	gtgctcagcc	agcgaacccc	420
taggacgaca	gggaagaatg	gagactgagt	cacatcaaat	gacagcacct	ctcgggtgatc	480
tcccagggtca	actatcagggt	cgtaggtttc	gtggacaact	gggcccgatg	ctatggggcg	540
cccatcaatt	gcttcacaaa	gtattggacc	cgccccggcg	gncgctcgca	agggccgaaa	600
ttccagcac						609

<210> 1528
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 1528						
tgatgtaatg	aattcatatt	tattgatata	gaaaaatatg	atataatcca	tctaaaaagc	60
aagttacaaa	acagtgtaca	gtgtaccata	gtacctatga	acacaattag	tgaagtaatt	120
tgcagagcta	taataccaaa	tcagaaatta	ttttggtaat	gaatttatga	ttttcctcgt	180
tttctgattt	tttccatgat	ctcatatact	ttattctcag	aaaacaaaag	acaaaacccc	240
acacatacac	aaaaataaac	gagtaacttc	tttacaaccc	cagaggctaa	gtcagtggga	300
aaagagggaa	atgaatgggt	atgagcataa	acacaggggac	aaataaaaaga	agtttgagac	360
acagagaaca	attcacaaat	cagaagtcatt	ttt			393

<210> 1529
 <211> 143
 <212> DNA
 <213> Homo sapien

<400> 1529						
atccgataga	atccagttca	atgaccttca	gtcttttactc	tgtgcaactc	ttcagaatgt	60
tcttcggaaa	gtgcaacatc	aagatgcttt	gcagatctct	gatgtgggtta	tggtcctccct	120
gttaaggatg	ttccaaagca	cag				143

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<210> 1530
 <211> 636
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 1530
 gtggagaagc ggcttggtcg ggggtggtct cgtgggggtcc tgcctgttta gtcgctttca 60
 ggggttcttga gccccttcac gaccgtcacc atggaagtgt caccattgca gcctgtaaat 120
 gaaaatatgc aagtcaacaa aataaagaaa aatgaagatg ctaagaaaag actgtctgtt 180
 gaaagaatct atcaaaagaa aacacaattg gaacatattt tgctccgccc agacacctac 240
 attggttctg tggaattagt gaccagcaa atgtgggttt acgatgaaga tgttggcatt 300
 aactataggg aagtcacttt tgttcctggn ttgtacaaaa tctttgatga gattctagtt 360
 aatgctgcgg acaacaaaca aagggacca aaaatgtctt gtattagagt ccaattgatc 420
 cggaaaacaa tttaattagt atatggaata atggaaaagg tattcctggt gttgaacaca 480
 aagctgaaaa gatgtatgtc ccmnctctca tatttggaaca gctcctaact tctagtaact 540
 atgatgatga tgaaaagaaa gggacaggtg gtcsaaatgg ctnttgagcc naattgtgta 600
 acatattcag tacccaattt actgnngggaa acagcc 636

<210> 1531
 <211> 194
 <212> DNA
 <213> Homo sapien

<400> 1531
 aaaaggcaga gcattctttt ttoggcaatt ttgataagca aggtgtagat ttacattttt 60
 gtccttgctc ccaacgaaat ggataaaca aaataactta ccatctactc atggaatgtt 120
 gttgtgttag ccagtctgaa ggcccacctt aatttttata taactgtctt tagctcttct 180
 tttgacaggg cagg 194

<210> 1532
 <211> 300
 <212> DNA
 <213> Homo sapien

<400> 1532
 ccatacaagg taattttgac aggttccttg gattaggaca tgggcatctt gggaggccac 60
 tactggccta ccacaactgg gcagcaaaac tattacaccc tccggtataa tagttttggt 120
 gtttcaatga ctgggaggaa aagggttgga attttttgct ttgggggtccc tcttaacctt 180
 gtatttttaa ggtctgggac tcaccaaccc tccccttcca accagagaaa ctactgcag 240
 tatctccttg aaagtctggt gacgagtctg tctaagtgtg ggtgagaggc acaggaccaa 300

<210> 1533
 <211> 521
 <212> DNA
 <213> Homo sapien

<400> 1533
 gttcctttgc accctgtaga tgttctagga tagttgatgc atgttactaa attacgtatg 60
 caagtctgtg agtgcgtctg aggggacatc gccaaaggact gactgagaca cgatgccgag 120

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<210> 1534
<211> 181
<212> DNA
<213> Homo sapien
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<210> 1535
<211> 544
<212> DNA
<213> Homo sapien
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<210> 1536
<211> 591
<212> DNA
<213> Homo sapien
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<210> 1537

<400> 1537

<210> 1538

<211> 363

<212> DNA

<213> Homo sapien

<400> 1538

<210> 1539

<211> 371

<212> DNA

<213> Homo sapien

<400> 1539

<210> 1540

<211> 403

<212> DNA

<213> Homo sapien

<400> 1540

ctkgacgtga	tggagcaggt	gagcagtgcc	cgtggggctt	gccagagggc	tgaggaggac	60
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ggacaggatg	gttcacctgc	tgagtcgagg	ttatgtactt	cctgttgtca	gttacatccg	180
aaagtgtctg	gagaagctgg	acactgacat	ttcactcatt	cgctattttg	tactgaggt	240
cagcaatgca	ccgttggttt	catgtttcat	actgtttaca	ctagcactgc	ctttttggc	300
ttaatttagt	tcattttgta	cctaactgag	aactgtgctt	tctgatgtag	tgatgacaat	360
gacagatact	cgttttaccaa	aaagcacctt	ctgcctgcag	cag		403

<210> 1541
 <211> 428
 <212> DNA
 <213> Homo sapien

<400> 1541
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 aagcctggag atagatttgt gataagccat tgctgagtag atcctagagt tcttgataat 120
 ttcagtttgt taaattacaa tagtttgcta tttcctccct cacattttat gttctacagt 180
 atctagctgc ttgggttttc ctgtatacca tggggcttct gtcactctggg ctttactcag 240
 tggcatattc cctctgccta aaactctcct cccctctcca ccttagaagt agcttttctt 300
 agaacggttt tcccagggtt tcacctaagg tgatagtaca atctacaggg acctgcacat 360
 gaagaccttt gcatacatgc caggaagttg gactttatct ttggaaaaag ggagcctttg 420
 aaggtttt 428

<210> 1542
 <211> 345
 <212> DNA
 <213> Homo sapien

<400> 1542
 awttaaatgc ttagcaagca gcaattccac gatggtcaaa ttcctaatat gagagaagta 60
 gaaataggaa aaataggtca ccctgatact tatgttttca ttttgcttaa tatacgtttg 120
 tatattttcaa tataacatta atagatatcg tgtcccttca cagttctaaa gtagtaagca 180
 aaatgaatta atttaaccta tgcaattaaa accaatttgg aagaatattg aggtagcaca 240
 ctgttacggg aattagtatg actcagtaat gcagttgaaa gttagtggct cctaattccag 300
 tatgaatcat ggagatgaga gaaatgatta gataaagaga tattt 345

<210> 1543
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 1543
 aatattgaat ttctagaagc agtatattgc ttactgcttc ttaattacgt tatagatgag 60
 gtggaaatga taaaaactaa agaagcaaga ttaattcttta acacacattt caggctgttg 120
 taaaagaata aacaatgctt catataaact tctagcaaat gacttcttaa tgaggctctg 180
 aaacagtctt tagggcacgg aatgtcatca cataattaag cagctttaag cctttattaa 240
 aaggcttaaa gtcgcaaaca atgaaatctg aaacaaactg taccatatta aactttttga 300
 tgatatttca aattcagtaa aagaaaaaaa ggatgggttca gaataacatc acgtatttcta 360
 atcctgaaac acataacaaa tgcacttgaa acagcaattc ttaaaaaggt tttgcccttt 420

<210> 1544
 <211> 306
 <212> DNA
 <213> Homo sapien

<400> 1544
 ctggcttcac tctactccc tctctgctcg cagcacgtcg gccgccagct ctttgatgtg 60
 ttcccaggcc cgtgcacat gggcagattc caccgtgcga gaacagatgg caaagcgcag 120
 gacaaacttg tccctgaggt gacatggaac caagtggatt tttttggcac tgtttattct 180
 ttgcagaaga gcttcattca ctttggttga accctttagc cgaaagcaga caagccccag 240
 aatgacttcc acacagattt caaagcgggg atcctggcgc accagtgact caaactcatg 300
 ggacag 306

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<210> 1545
 <211> 110
 <212> DNA
 <213> Homo sapien

<400> 1545
 ctgctccggg ccttcacact gaagatcagc gtgtgcatg cgtcctgga ccacaacccc 60
 ccaggctgta ccttcacagt cctgggtcac acgagagaag ccgccactcg 110

<210> 1546
 <211> 239
 <212> DNA
 <213> Homo sapien

<400> 1546
 aaagaaatat gacacgggtg ttgatattct aagagacttt tttgaactca gacttaaata 60
 ttatggatta agaaaagaat ggctcctagg aatgcttggt gctgaatctg cttaaactgaa 120
 taatcaggct cgctttatct tagagaaaat agatggcaaa ataactattg aaaataagcc 180
 taagaaagaa ttaattaaag ttctgattca gaggggatat gattcggatc ctgtgaagg 239

<210> 1547
 <211> 527
 <212> DNA
 <213> Homo sapien

<400> 1547
 aaaaattcca gttgagattt ttctggttct ctgtataaag attgactgga acatatacat 60
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 ttctgacagt gcttcagcat ggaagcaagg agggggcctc attactgcca ggtaagggta 180
 aaaatctagt ttctctgctg ggtctccatt gtcactaaga aaggaatggc tctgttattg 240
 ctgggcaggg ttggctgttc caactgataa tcctatgtct gggagggcta ggagtgcctc 300
 cttgctgttc ctcttgttgt ttccactgac agtggagtgg ccttggttact gctgggtggt 360
 gggtgagagt tctggctctc tactagggag gacacaacct cagtgtagag aggcggggat 420
 acctgtttac tgtcaggcac aggcggagggt ccagtctcct tactccacct acccaacagg 480
 gtagcttgag gcacttcatt attgcctagt gagagtggaa gtttagg 527

<210> 1548
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 1548
 ctgtgggagg agctagtagg ggccggggcta cgtgattgac acttctctcc tcagacttca 60
 agggctacca ctggaccctt cccctgtctt gaaccctgag ccggcaccat gcacggacgc 120
 ctgaagggtg agacgtcaga agagcaggcg gagggcaaaa ggctagagcg agagcagaag 180
 ctgaagctat accagtcagc caccagggcc gtattccaga agcgccaggc tgggtgagctg 240
 gatgagtcgg tgcagggaact gacaagccag attctgggag ccaaccctga ttttgccacc 300
 ctctggaact gccgacgaga ggtgctccag cag 333

<210> 1549
 <211> 438
 <212> DNA
 <213> Homo sapien

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<400> 1549

ttgacagtgt	acgctggagc	aggttccagg	gtggggctgc	cctgccgcct	gcctgctggt	60
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ctggtgactg	gagacaatgg	cgactttacc	cttcgactag	aggatgtgag	ccaggcccag	180
gctgggacct	acacctgcca	tatccatctg	caggaacagc	agctcaatgc	cactgtcaca	240
ttggcaatca	tcacagtgc	tcccaaatac	tttgggtcac	ctggatccct	ggggaagctg	300
ctttgtgagg	tgactccagt	atctggacaa	gaacgctttg	tgtggagctc	tctggacacc	360
ccatcccaga	ggagttttctc	aggaccttgg	ctggaggcac	aggaggccca	gctcctttcc	420
cagccttggc	aatgccag					438

<210> 1550

<211> 204

<212> DNA

<213> Homo sapien

<400> 1550

aaaactaagt	tattccaaca	ctaaaagcat	acaacagcat	gccaacagta	atatattatt	60
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aattgttatg	gatacatttc	agaatctaag	aaatcaggca	agtgcctaaa	aggccaacgg	180
tccaagggat	tacatctgca	gttt				204

<210> 1551

<211> 132

<212> DNA

<213> Homo sapien

<400> 1551

ccatctgtgg	atttgtctgt	gcacctattg	gctcttctag	ctgactcttc	tgggtgggct	60
tagagtctgc	ctgtttctgc	tagctccgtg	tttagtccac	ttgggtcatc	agctctgcca	120
agctgagcct	gg					132

<210> 1552

<211> 433

<212> DNA

<213> Homo sapien

<400> 1552

ctgaatagag	gtcaacacag	ttgcgatggt	gagggatggt	ctccaagcac	cttttgggtg	60
caatttgaga	acatccagac	aaatccttcc	agcagaatca	atgtttggat	gataaattgg	120
agtgagaaat	cggatctgag	gaggttcaaa	tgggtacctc	tcaggaatga	taacttctag	180
cttaaaaaa	cctttctcat	aagggtgtgt	ggctccacct	aatatttgag	ctcgcaggtc	240
atccatttgg	tctttatctt	gccaacatgt	gatgcctggg	ggtggctctg	tggctaaccat	300
gtgcagctct	ctcttcagac	gtgaagctct	ctgcatgata	cccaagtaga	aggaaccaca	360
cacagttcac	tgctccacac	taagagctgs	ctgggatgca	ctgagctgac	acccctcaca	420
acgcagcaac	gcg					433

<210> 1553

<211> 316

<212> DNA

<213> Homo sapien

<400> 1553

gagcaaggct	tgctgagaac	agaccagctc	cctgaggaag	gagaagatgt	tgctgccacg	60
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atcagtgcc aagagaccct ctcggaagag gagcaggaag agctaagaag agaacttgca 120
 aaggtagaag aagaaatcca gactctgtct caagtgttag cagcaaaaga gaagcatcta 180
 gcagagatca agcggaaact tggaatcaat tctctacagg aactaaaaca gaacattgcc 240
 aaagggtggc aagacgtgac agcaacatct gcttacaaga agacatctga aaccttatcc 300
 caggctggac agaagg 316

<210> 1554
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

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 argagagtgg gctctctata agggaacctg ctgtaaactt cattgcagca aggatgtaga 180
 gagaaatagg acttaattcc actaggggct ctcattctcac accttaagga ggagatttct 240
 agaaaaactg ggccagattt tctttgytct ccatcatttt aatgtggcag gctgytcagt 300
 tttcttactc ttacctatgw gatatttctt cgtaacgtgt ccaaaaagaa aaaagacca 360
 atcagtgtct cttgactttg ttctttgatc cctcagtttc ttcttgattt cagcatgtgt 420
 ccgggttcc aattttgggt atgagttagc aaatttaacc attgtgtttg tgccctaccc 480
 aggggactcc ccagtttctg acttgaagta gactganaag aatccacgag gngctatttt 540
 gg 542

<210> 1555
 <211> 117
 <212> DNA
 <213> Homo sapien

<400> 1555
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<210> 1556
 <211> 111
 <212> DNA
 <213> Homo sapien

<400> 1556
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 gcaaaaggac acggcgacac ctggaactac ggactagtta ctaagcgcg c 111

<210> 1557
 <211> 454
 <212> DNA
 <213> Homo sapien

<400> 1557
 cgaggactga tcctctagta ctaagtgact ggggatatta caytarccaa cattgggtga 60
 tacatacctk artmatcatw tgaggaygca gtgataarsg satawwmywg tatsatccya 120

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acaygyacta rctcaaaaac tagtgggggc ggattgatct cctgtggggac wkacatgsc 180
 ctgaaagtga acatgmtcmt ratcacctgc agrgcttgag atggyccmca tkgcwgcaact 240
 ccgccccyac aktttttgaw tcwacwggag ttaggswgmt yctwgawtta kcctttctac 300
 ctgcctccyg akagrwcwc wygastwggg kgaatssatt gackkctaag rttakacttc 360
 cactaactct gtacgmtgar ctcttactaa tattcgttac cacgctaaga ggctctgctc 420
 caggatctca tcgcgactgg aaggaacctc cagc 454

<210> 1558
 <211> 404
 <212> DNA
 <213> Homo sapien

<400> 1558
 aaagaagtgc agttgatatc taattttacac agtgaaacta gtgatagaaa ataactaatg 60
 aaaaaaaatc agagactggg ttccaattga ttgacaccta gatctgtcag cctctcttaa 120
 agaaagggga aggagaaaaa aaatctcatc atggaaggca gacaagagtc cacctgacag 180
 aggtggaatc tgatggaatc tgacccatt tcatgataaa cgagaggaaa cataaatgcc 240
 atctcaata ctaaagcgat gtagtgtagc atgagtgtc caatgcaa tccacagagga 300
 aaagaagtta cggcttagga agtaggacaa taaatacaaa tatttcatct tatttaattg 360
 tgcattgactt cagtgaact accctttgca atgcaataaa tttt 404

<210> 1559
 <211> 266
 <212> DNA
 <213> Homo sapien

<400> 1559
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 aatccacatc tggaaatgaa atcacagtaa gatattttcg ggagaccaa acataaaaat 120
 tgctagaata aatttgccac gaacgagtaa ctagacatta gaaattgact acatagatat 180
 agtaatacta aaagtgtga aaacaagcaa acacaacaca cacatttctca attctttttt 240
 tttctatcaa atatcttcaa cttttt 266

<210> 1560
 <211> 142
 <212> DNA
 <213> Homo sapien

<400> 1560
 aaaactcagt atctttctgaa ccagaggcat ttctgattag cccttccta cctattttcc 60
 tagtatcact ctttaatacag cttggggagg tggcagcatt tcatggcctc cgtagtaact 120
 cacaatgctt cctggggtat tt 142

<210> 1561
 <211> 381
 <212> DNA
 <213> Homo sapien

<400> 1561
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 ggaaacaaag tttcaaaaca aagaaaagtt gagtaaaagg tgccccctct atggctcatc 120
 tgaagaaac attttactca gagaggcaaa catttctgat ctaggagtaa gtttccact 180
 cactttgcaa ggaccactc attctgcaga aagacctaca agtctttctg gtctcaattg 240
 caaagtacgt gaaaatgtgt atgaaagatc taaaagctaa atattagaat aaggctaatt 300

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gaaatcaaaa ttgtgtgctg gtctaaatat acatcttcgg cttcttcctt tttagtaagt 360
 atttttatatt cagatgtatt t 381

<210> 1562
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 1562
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 tgaaattctt agtgagagtg tggtgccaga cggtcgggtca gttgtcacia cagctagaat 180
 gcaggctctc aaacggcagg tccagtcctt aatgggtcat cagcgaaaac tagaagctga 240
 acttcttcaa atagaggaac gacaccagga gaagaagagg aaattcctgg aaagcacaga 300
 ttcatttaac aatgaactta aaaggttggt cggtctgaaa gtagaagtgg atatggagaa 360
 aattgcag 368

<210> 1563
 <211> 411
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 1563
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 kagcaagagg gcacyaraws wrcttsaaca ccaawgggcm ktactwtata kawmcgawgg 120
 gcatgctwtm atgaccaact grmtgactgt ttgagaatgg acaargtgct agcgctaaac 180
 ctgtccttct tgaacrtggc ttgactaacg kcwttgatac gttrccttca kkasaatact 240
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 agtgctttac acaaactcrt akggaaaatt gnntttgtmc tgtganctac tcatcygaga 360
 nctccctaag ggctaacatt ncatgtttcc gtctcactag ctacacgttc t 411

<210> 1564
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 1564
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 gagaatttta tttatagcta attttagcta tctgtaacca agatggatgc aaagaggcta 240
 gtgcctcaga gagaactgta cgggggtttgt gactggaaaa agttacgttc ccatttctaat 300

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taatgccctt tcttatttaa aaacaaaacc aatgatatc taagtagttc tcagcaataa 360
 taataatgac gataatactt cttttccaca tctcattgtc actgacattt aatgggtactg 420
 tatattactt aattttattga agattattat ttatgtctta ttaggacact atgggtataa 480
 actgtgttta agcctacaat cattgatttt tttttgttat gtcacaatca gtatattttc 540
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 tt 602

<210> 1565
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 1565
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 catcatcgca gtgggtgtct tcctcttctt ggtgggtttt gtgggctgct gcggggcctg 120
 caaggagaac tattgtctta tgatcacgtt tgccatcttt ctgtctctta tcatgttggt 180
 ggaggtggcc gcagccattg ctggctatgt gtttagagat aagggtgatg cagagtttaa 240
 taacaacttc cggcagcaga tggagaatta cccgaaaaac aaccacactg nttcnatcct 300
 ggacaggatg caggcagatt ttaagtgtctg tggggctgct aactncacag attgggagaa 360
 aatcccttcc atgtngaaga accgagtcct cgactcctgc tgcattaatg ttactgtggg 420
 ctgtgggatt aatttcaacg anaaggcgat ccataaggag ggctgtgtgg aga 473

<210> 1566
 <211> 53
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(53)
 <223> n = A,T,C or G

<400> 1566
 ctagttatta atagnaatca attncggngt cattagttca tagcccatat atg 53

<210> 1567
 <211> 136
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(136)
 <223> n = A,T,C or G

<400> 1567
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 ttgccataat gaaccgtcca gccctgtgg ngatctccta tganaacatg cgttttntga 120
 taactnaaa ccctac 136

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<210> 1568
 <211> 192
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 1568
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 aggcacagag agacagggca gnatccacgt ncccatnttg gaggcagana aaagagaaag 120
 tgnnttatat acggtactta tttaatatcc nttntaatt anaaantnaa acagttaatt 180
 taattaaaga gt 192

<210> 1569
 <211> 575
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 1569
 ctagtctctgt cccccagga gacctggttg tgtctgtgtg agtggttgac cttcctccat 60
 cccttggtcc ttcccttccc ttcccgagge acagagagac agggcaggat ccacgtgccc 120
 attgtggagg cagagaaaag agaaagtgtt ttatatacgg tacttattta atatcccttt 180
 ttaattagaa attaaaacag ttaatttaat taaagagtag ggtttttttt cagtattctt 240
 ggtaaatatt taatttcaac tatttatgag atgtatcttt tgctctctct tgctctctta 300
 tttgtaccgg tttttgtata taaaattcat gtttccaatc tctctctccc tgatcgngna 360
 cagtcactag cttatcttga acagatatatt aattttgcta acactcagct ctgccctccc 420
 cgtcccctg gctccccagc acacattcct ttgaaataag gtttcaatat acatctacat 480
 actatatata tatttggaac cttgnatttg nngtatata tatatatata tgtttatgta 540
 tatatngat tctgataaaa tagacattgc tattc 575

<210> 1570
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 1570
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 gcctgtccca gtcggcttta ccctatcgac gcagcgtccc cacttggttg aagntgacat 120
 ctgacgacgt gaaggagcag atttacaac tggccaagaa gggccttact ccttcacaga 180
 tcggtgtaat cctgagagat tcacatggtg ttgcacaagt acgttttgtg acaggcaata 240

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aaattttaag aattcttaag tctaagggac ttgctcctga tcttcctgaa gatctctacc 300
 atttaattaa gaaagcagtt gctgttcgaa agcatcttga gaggaacaga aaggataagg 360
 atgctaaatt ccgncctgatt ctaatagaga gc 392

<210> 1571
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 1571
 gaaggacggt tgtgttgga gccctggat ccccggcact cctggatccc acggcctgcc 60
 aggcagggac gggagagatg gtgtcaaagg agaccctggc cctccggggc ccatgggtcc 120
 acctggagaa atgccatgtc ctccctggaaa tgatgggctg cctggagccc ctggtatccc 180
 tggagagtgt ggagagaagg gggagcctgg cgagaggggc cctccagggc ttccagctca 240
 tctagatgag gagctccaag ccacactcca cgactttaga catcaaattc tgcagacaag 300
 gggagccctc agtctgcagg gctccataat gacagtagga gagaaggtct tctccagcaa 360
 tgggcagtc atcacttttg atgccattca 390

<210> 1572
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 1572
 ctgcagcttc tgctgctgag gccgggattg ctacgactgg gactgaaggt gaaagaggtg 60
 gaatccgaag tcctgggact gcgggatgct aaacattgaa agctgggtgt aggcactgca 120
 gggagagtgt ggaggtctga cagggttaga atatgtggga gggctgggct aggaatggcc 180
 ttggaggctg gcctgtgtgg atatggcacc aattctaccc tgctcctctt ttccctttcc 240
 cagactcaga cgatgccctg ctgaagatga ccacagcca gcaagagttt ggccgactg 300
 ggcttcctga cctaagcagt atgactgagg aagagcagat tgcttatgcc atgcagatgt 360
 ccctgcangg gagcagagtt tgg 383

<210> 1573
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 1573
 cctccagagc ctctctagt gacagagcgc tcacactccc tccgctggga acgatggctt 60
 ctgcctagta cctatccttg tgtttctgat gcagtggtag cattgggtca agttctctcc 120
 tgctgtggtc agagttgctt cgatgttgg 149

<210> 1574
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 1574
 ctgccaggct gaaaagaagc ctacagctccc acaccgccct cctcaccgcc ctctctcggg 60

050301 92464860

```
<210> 1575
<211> 112
<212> DNA
<213> Homo sapiens
```

```
<210> 1576
<211> 198
<212> DNA
<213> Homo sapiens
```

```
<210> 1577
<211> 444
<212> DNA
<213> Homo sapiens
```

```
<210> 1578
<211> 294
<212> DNA
<213> Homo sapiens
```

```
<210> 1579
<211> 295
<212> DNA
<213> Homo sapiens
```

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 1579

```
ccacaaagcc attgtatgta gcttttagctc agcgcaaaga agagcgccag gctcacctca 60
ctaaccagta tatgcagaga atggcaagtg tacgagctgt gcccaaccct gtaatcaacc 120
cctaccagcc agcacctcct tcaggttact tcatggcagc tatcccacag actcanaacc 180
nngctgcata ctatcctcct agccaaattg ctcaactaag accaagtccc cgctggactg 240
ctcagggngc cagacctcat ccattccaaa aatatgccg gtgctatccg cccag      295
```

<210> 1580
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 1580

```
cttcttttatt ggggacatgt gggctggaac agcagatttc agctacatat atgaacaaat 60
cctttattat tattataatt atttttttgc gtgaaagtgt tacatattct ttcacttgta 120
tgtacagaga ggtttttctg aatattttatt ttaagggtta aatcac      166
```

<210> 1581
 <211> 449
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 1581

```
ctgagggaac agaataaatg cagaggcatt acaatgaatc ccacttaata taaagaacta 60
tacagaccaa cacttctcta caaaattttt ttttcctcat tgccagttaa atacagagtt 120
ttactttcat agcttaacaa tgaagggtca tacactgaag ccaatacata tacctagcat 180
ttcagtctaa gcttgtccac gtacatagct gaagtcaatt acaaggtttg gcctagaaat 240
gctaggggaa cttcttttgta gtttttacag gtattaaact tcatcttgca cactgaagtc 300
atcatacata cagggcaaaa tcagagcttt tatatttgcg tttattcttc atttaacttt 360
ttataacact actatagttt attaaaacaa aaaacaaaga gcaagtagtg agcatattan 420
gattacagtc ctttcaactca ttcacacct      449
```

<210> 1582
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 1582

```
ccaatgggct ttgtgtgtagc ttgtgaaat caccaagcag gagagattta accagaggcg 60
atgtgtccag tcaccagcat agagccatcc tctgtgtcac catccacacg cagggccttc 120
tggcagacct catgcaatgc cctccatgtt aatattcatc agaaaatgga taattagggg 180
ggccagcaaa aatatcaagg gtcaaatac gcacatttct gtttaggcca totatggctt 240
tcatctcctc tgaagtcaac tggaattcaa acacctgcac gttctgtctg atgcgtgct 300
```

09849626.050301

302

```
<400> 1583
ttctgtctcc gtggaacca cgagtgtgcc agcatcaacc gcatctatgg tttctacgat 60
gagtgaaga gacgctacaa catcaaactg tggaaaacct tcactgactg cttcaactgc 120
ctgcccatcg cggccatagt ggacgaaaag atcttctgct gccacggagg          170
```

<400>	1584					
ccagacgtgg	tggctcacac	ctgcagtccc	agcaccttag	gaggccgagg	caggaggatc	60
cttgagggtca	ggagttcgag	accagcctcg	ccaacatggg	gaaaccccat	ttctactaaa	120
aatacaaaaa	attagccaag	tgtggtggca	tatgcctgta	atcccaacta	ctcagaaggc	180
cgaggcagga	gaattacttg	aacgcaggag	aatcactgca	gcccaggagg	cagaggttgc	240
agtgagccga	gattgcacca	ctgcactcca	gcctgggtga	cagagcaaga	ctccatctca	300
gtaaataaat	aaataaataa	aaagcgctgc	agtagctgtg	gcctcaccct	gaagtccgcg	360
ggcccagg						368

<400> 1585						
caaccctctc	tcttcagcgc	ttcttctttc	ttggtttgat	cctgactgct	gtcatggcgt	60
gccctctgga	gaaggccctg	gatgtgatgg	tgtccacctt	ccacaagtac	tcggggcaaag	120
agggtgacaa	gttcaagctc	aacaagtcag	aactaaagga	gctgctgacc	cgggagctgc	180
ccagcttctt	ggggaaaagg	acagatgaag	ctgctttcca	gaagctgatg	agcaacttgg	240
acagcaacag	ggacaacgag	gtggacttct	aagagtactg	tgtcttctcg	tcttgcatcg	300
ccatgatgtg	taacgaattc	tttgaaggct	tccagataa	gcagcccagg	aagaaatgaa	360
aactcctctg	atgtggttgg	ggggctctgcc	ag			392

```
<400> 1586
cctccactgc cagcctatgg ttgttcgcca ccaagccagg agtgctgcac cgcccagtgg 60
tccccctcgg gctccaggcc cccactgaga ccctctcgga ggcagaagca cttcaccocct 120
cagagtccta caagtccaac cagtggacct ggaattgg                                     158
```

```
<210> 1587
<211> 85
<212> DNA
<213> Homo sapiens
```

<400> 1587

ccaatgtaca tgggtggacta tgccggcctg aacgtgcagc tcccgggacc tcttaattac 60
tagacctcag tactgaatca ggacc 85

<210> 1588

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 1588

ccaggctacc ttcccactgg agacaggcag ggggacaggt gctaaggagc ctggcaggca 60
gggctggcag gcccacatgg gcctgttcca gcagatgaca agcccaggtc agggtagagc 120
gggcaggagg ggggacgagg gctcccacaa catgattttg tgtaaaatat ggcagcgaca 180
cacgctcagg gccgggaggt gggggttagg gtgggggacgg cggcaacatc gtgtaaaaaa 240
gtgtcccagt tcccatagca aagagagctg tgaccgggtg ttcagagctt ctccagtaca 300
agggggaaaag ccgcccggcg ggggcggcgg gcaggggacat catttggttt cctgggtgctg 360
tcngtccga 369

<210> 1589

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1589

ctgtagcttc tgtgggactt ccaactgctca ggcgtcaggc tcagatagct gctggccgcg 60
tacttggtgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
agtgtggcct tgttggtttg aagctcctca gaggagggcg ggaacagagt gaccgagggg 240
gcagccttgg gctgacccag gacggtcagc ttggtccctc cgccgaacag taaaaagga 300
ctcaggctgt tatcatagga ctggcagtaa taatcagcct catcttcagc ctggagccca 360
g 361

<210> 1590

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 1590

ctggagaagg tgtgcagggg aaaccctgct gatgtcaccg aggccagggt gtctttctac 60
tcgggacact ctctctttgg gatgtactgc atggtgttct tgggtgctgta tgtgcaggca 120
cgactctggt ggaagtgggc acggctgctg cgaccacag tccagttctt cctgggtggcc 180
tttgccctct acgtgggcta caccgcgctg tctgattaca aacaccactg gagcgatgtc 240
cttggtggcc tcctgcaggg ggcactgggt gctgccctca ctgtctgcta catctcagac 300

T0E050"92964850

ttcttcaaag cccgaccccc acagcactgt ctgaaggagg aggagctgga acggaagccc 360
 agcctgtcac tgacgttgac cctgggagag gctgacnaca accactatgg ataccgcac 420
 tctcctcct gagg 434

<210> 1591
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 1591
 gctttcgcca gaaaatgttg catgtcaaac aatatgtgat ccatactgtg tgtcgtcctt 60
 ggggggtttat ttgactttgt cacaatgaca gccaacagtg agactgataa gcctgtaaaa 120
 ataaaaaaat aagactaatc aaatagacat ggcattttta tctcaaagt caaaatcatc 180
 taactgaaaa tgacggcatt gagaaattcc agtgggttaa aatgaatcaa aacttcatta 240
 cgcaggcagt ggaagtgtgt tgaaagattt accaggggtg tcaagtttta gacactcaga 300
 aaggcaccat tctagccatc ttgattggat aacatgtata tacttatgtc cctacgatat 360
 tcaaaagata atactgtttt agtacaaaac aatcaaaciaa ggcaaagant caaaaccaag 420
 ccaacccaaa tatccccag 439

<210> 1592
 <211> 74
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(74)
 <223> n = A,T,C or G

<400> 1592
 tttttttttc taatgttcac agtccctgct ttatttccat ttgttcacac acncttttaa 60
 aaaaaaaaaa aaaa 74

<210> 1593
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 1593
 ccatccgaag caagattgca gatggcagtg tgaagagaga agacatattc tacacttcaa 60
 agctttggtg caattcccat cgaccagagt tggtcggacc agccttggaagggtcactga 120
 aaaatcttca attggattat gttgacctct acctatttca ttttccagtg tctgtaaaagc 180
 caggtgagga agtgatccca aaagatgaaa atggaaaaat actatttgac acagtggatc 240
 tctgtgccac gtgggaggcc gtggagaagt gtaaaagatgc aggattgg 288

<210> 1594
 <211> 455
 <212> DNA
 <213> Homo sapiens

0964966.050301

<400> 1594

```

ccacacagac tcaccaagcc acagacttgt cttccacaag cacgttctta ccttagccac 60
gaagtgacca agccacacgt actaaagggt gaactcaaag atatgtacag ggtattaaac 120
aaataccaag gggaacagtt aacttcaata caagggtcaaa atcagcaaca agttctacaa 180
tccagtgtcg atatcagata caagcttcaa ggacaatttc ttttcgaagg cttattccag 240
tttcgtgagg ctagcatgag gtgtgtgcat ttgccagggg caaatttcta ttctcaatta 300
acccatgcag caaatgctac gcatctgctg agtccgttta gaagcatttg cgggtggacga 360
tgaggaggcc cgactcgtcg tactcctgct tgctaatacca catctgctgg aagggtggaca 420
gtgaggccag gatggagcca ccgatccaca ccgag                                     455

```

<210> 1595

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(367)

<223> n = A,T,C or G

<400> 1595

```

ccaggctacc ttcccactgg agacaggcag ggggacaggt gctaaggggac ctggcaggca 60
gggctggcag gccccatggc gcctgttcca gcagatgaca agcccagggtc agggtagagc 120
gggcaggagg ggggacgagg gctccacaaa catgattttg tgtaaaatat ggcagcgaca 180
cacgctcagg gccgggagggt ggggggtagg gtggggacgg cggcaacatc gtgtaaaaaa 240
gtgtcccagt tcccatagca aagagagctg tgaccgggtg ttcgagcttc tccagtacaa 300
gggggaaagc cgcccggcgg gggcggcggg caggacatc atttggttct ctggtgctgn 360
cagtccg                                     367

```

<210> 1596

<211> 193

<212> DNA

<213> Homo sapiens

<400> 1596

```

ctgttcttca tgcgcctggt ggggaagacg cccattgaga cactgatcag agacatgctg 60
ctgtcgggga gtaccttcaa ctggccctac ggctcgggcc agtgaccatg acggggccac 120
gtgtgctgtg gccaggcctg cagacagacc tcaagggaca gggaatgctg agggccccgg 180
aggcccctcg agg                                     193

```

<210> 1597

<211> 145

<212> DNA

<213> Homo sapiens

<400> 1597

```

ccatgctgga tgttctgctg cttagacctg atctgctgcc aattaccagg ggcagggtcaa 60
ggatgacctt cttggatcca ggaacgctaa catagatcag taaggaatat tcaactcgaa 120
ggatgttgca gccaggata gaagg                                     145

```

<210> 1598

<211> 445

<212> DNA

00849625.050301

<213> Homo sapiens

<400> 1598

```
ctgcctataa aactagactt ctgacgctgg gctccagctt cattctcaca ggtcatcatc 60
ctcatccggg agagcagttg tctgagcaac ctctaagtcg tgctcatact gtgctgccaa 120
agctgggtcc atgacaactt ctgggtggggc gagagcaggc atggcaacaa atcccaagtt 180
aggggtctcca atgagcttcc tagcaagcca gaggaagggc ttttcaaagt tgtagttact 240
tttggcagaa atgtcgtagt actgaagatt cttctttcgg tggaagacaa tggatttcgc 300
cttcactttc ctgtccttaa tatccacttt gttgccacac aacacaatgg ggatgttttc 360
acacactcgt accagatctc tatgccagtt aggcacattc ttgtaagtaa ctctcgatgt 420
tacatcaaac attatgatgg cacac                                     445
```

<210> 1599

<211> 142

<212> DNA

<213> Homo sapiens

<400> 1599

```
cctgccccag ggggaagcac ggacccgaga cgacggcgat gaggaagggc tcctgacaca 60
cagcgaggaa gagctggaac acagccagga cacagacgcg gatgatgggg ccttgcaagta 120
agcagcctga caggagcaat gg                                     142
```

<210> 1600

<211> 297

<212> DNA

<213> Homo sapiens

<400> 1600

```
cctgcacttg aacatggctt tggttttaag caacttctct accctgaccc tcctcctggg 60
acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccg 120
caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297
```

<210> 1601

<211> 289

<212> DNA

<213> Homo sapiens

<400> 1601

```
ctggagatga tcctcaacaa gccagggctc aagtacaagc ctgtctgcaa ccagggtggaa 60
tgtcatcctt acttcaacca gagaaaactg ctggatttct gcaagtcaaa agacattggt 120
ctggttgctt atagtgtctt gggatccac cgagaagaac catgggtgga cccgaactcc 180
ccggtgtctt tggaggaccc agtcctttgt gcctcggaac aaaagcacia gcgaacccca 240
gccctgattg ccctgcgcta ccagctacag cgtgggggtg tggctctgg 289
```

<210> 1602

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(398)

09849626-050301

<223> n = A,T,C or G

<400> 1602

```

gggagggcag agggagaatg ggaagatcag gaagctctag attacttcag tgataaagag 60
tctggaaaac aaaagtttaa tgattcagaa ggggatgaca cagaggagac agaggattat 120
agacagttca ggaagtcagt cctcgcagat cagggtaaaa gttttgctac tgcatctcac 180
cggaaactcg agaaggaagg actcaagtac aagtcctaaag tttcactgaa aggcaataga 240
gaaagtgatg gatttagaga agaaaaaaat tatnaactta aagagactgg atatgtagtg 300
gaaaggccta gnactacaaa agataagcnc anagaagaag acaaaaattc tgaaagaata 360
acagtaanga aagaaactca gtcacctgag caggtaaa 398

```

<210> 1603

<211> 438

<212> DNA

<213> Homo sapiens

<400> 1603

```

ctggtgatct gctttcttac cctaactctt gacaaatgag tcgtctacta ttttaaagag 60
tctggaggtc tctgactctg ccataacaat aacctgctgt taatttataa cacagatttt 120
tgtttggaag agccttattt gaaatacact ttgattcatt ttcttaaata tttatattct 180
tttcttgctt acttcagggt tggtagctta gttggaagt ccagcacctg gcacctattc 240
atatagaaca ggctgtactc aagacaactt ctagcattta ctttaagact tatataattt 300
atctctattt tgtgtgtact atagtcttgt gcatatgtag ttgaacacac agtgaaatat 360
atgtctctct ttgtggatgt gcggcctaaa aatttgaatg tctggtgaga gagagccatg 420
tgtataggtc agagaaaa 438

```

<210> 1604

<211> 297

<212> DNA

<213> Homo sapiens

<400> 1604

```

cctgcacttg aacatggctt tggttttaag caacttctct accctgacct tcctcctggg 60
acagcgtttc gggaggtttc ttggcctcac tgagagggat gtggagctgc tgtaccccg 120
caaggagaag gtattctaca gcctgatgag ggagagcggc tacatgcaca tccagtgcac 180
caagcctgac accgtaggct ctgctctgaa tgactctcct gtgggtctgg ctgcctatat 240
tctagagaag ttttccacct ggaccaatac ggaattccga tacctggagg atggagg 297

```

<210> 1605

<211> 451

<212> DNA

<213> Homo sapiens

<400> 1605

```

ggaaaggcta ttgtttctcg acagtttgtg gaaatgacct gaactcggat tgagggctta 60
ttagcagctt ttccaaagct catgaacact ggaaaacaac atacgtttgt tgaaacagag 120
agtgtgaagat atgtctacca gcctatggag aaactgtata tggtagctat cactacccaa 180
aacagcaaca ttttagaaga tttggagacc ctaaggctct tctcaagagt gatccctgaa 240
tattgccgag ccttagaaga gaatgaaata tctgagcact gttttgattt gatttttgct 300
tttgatgaaa ttgtcgcact gggataccgg gagaatgtta acttggcaca gatcagaacc 360
ttcacagaaa tggattctca tgaggagaag gtgttcagag ccgtcagaga gactcaagaa 420
cgtgaagcta aggctgagat gcgtcgtaaa g 451

```

<210> 1606

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<211> 272
 <212> DNA
 <213> Homo sapiens

<400> 1606
 ccggagccca cgggtggatcat ggctgccaga gcgctctgca tgctggggct ggtcctggcc 60
 ttgctgtcct ccagctctgc tgaggagtac gtgggcctgt ctgcaaacca gtgtgccgtg 120
 ccagccaagg acaggggtgga ctgctggctac ccccatgtca cccccaagga gtgcaacaac 180
 cggggctgct gctttgactc caggatccct ggagtgcctt ggtgtttcaa gcccctgcag 240
 gaagcagaat gcaccttctg aggcacctcc ag 272

<210> 1607
 <211> 444
 <212> DNA
 <213> Homo sapiens

<400> 1607
 ccaggctggg ctcaaactcc tcacctcaac tgatccgccc accttggcct cccaaagtgc 60
 tgggattata ggtgtgagcc accgtgccca aagttaagta tttttgatca agtgttttgt 120
 cttttgtgca aggcatttgt ggctctgtca tagcagagga aaacaaaaca tgcctatcaa 180
 atgaatcaag tccgacctct tctcatattg agcaactaga ggtctaggaa catttcccct 240
 acctgtcatt ctcatctggc ataccagggtg tacatactcc ttcttattct cctctgttac 300
 caagatgttg gccccattgg gtttgagggtc acgaacttca caaactccaa actcttggac 360
 ctcagtgtcg aagggtgaggt catagcctag tgtggagaca tcattttcca gcagataaac 420
 cagaccttgg tagaagtggg aatc 444

<210> 1608
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 1608
 caaaatccaa aacttctctt gaaaagtcca gggaccgtcc aggggagatg gggaggagat 60
 atggagttag tcacctgctc cagaagatgc cagcttctct ctccagggtg cttagtgtggc 120
 tttgccacc cctcaactccc caggagctc tggggacagc ttctcgcac ccctgtccca 180
 cccacacag 189

<210> 1609
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 1609
 cttttgttat ccttagagga ctcaactgggt tcttttcata agcaaaaagt acctcttctt 60
 aaagtgcact ttgcagacgt ttcactcctt ttccaataag cttgagttag gagcttttac 120
 cttgtagcag agcagtatta acacctagtt ggttcacctg gaaaacagag aggctgaccg 180
 tggggctcac catgoggatg cgggtcacac ggaatgctgg agagatgtta tgtaatatgc 240
 tgagggtggcg acctcagtgg agaaatgtaa agactgaatt gaattttaag ctaatgtgaa 300
 atcagagaat gttgtataaa gtaaatgcct taagagtatt taaaatatgc ttccacattt 360
 caaaatataa aatgtaacat gacaagagat tttgcgtttg acattgtgtc tgggaaggaa 420
 gggcca 426

<210> 1610
 <211> 447

10E050" 92954860

<212> DNA
<213> Homo sapiens

<400> 1610

```
cagggtata gtgcgctatg ttgatctggt gttcatgcta agttccgcat caatatgggtg 60
acttcttggg agtggggggac caccaggttg cctaaggagg ggtgaacctg cctacgttgg 120
aaatagagct ggtcaaaaact cctgtgctca tcagtagtag aattgcacct gtgaatagcc 180
accgccctcc agcatgggca acatagcaag accctgcctc ttaagataaa aattggaaaa 240
cactggtagg aaaaaaaggc tgtttgggtc aaataagtct ggattgggta taaatgacac 300
aaaactatca tgaatttgaa agcatttcta atttcttgaa agtctgaaaa agtttaaac 360
gaatttttagc tgaaaagtcc tgaaagacat ttgaaaaaaa acagcaagaa cacttaaac 420
tattcaaggt ttgggctggg cacagtg 447
```

<210> 1611
<211> 238
<212> DNA
<213> Homo sapiens

<400> 1611

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ccaccggggt tgacctctct cgctagcagg gccacccag ctcaactccc gcgtcttcca 60
tccccctctag gattcccatt gtccccctact ccagcactag gcaggcacc ccagcccact 120
gagactccca ccacgaagga cccagccct ctctcagcca acacggcccc gccaccgtc 180
tcagacatcg tgcttcttct ggtggggccag gagtctctcc tcgtcgtcga aggtctgg 238
```

<210> 1612
<211> 293
<212> DNA
<213> Homo sapiens

<400> 1612

```
ctgctgcttg taccctcggg agagggttct ccaactctgag cgggtgggaa ggcaatgcca 60
aacatccggg aaaaaataaaa ccaactgtct cacatgagct ggaactgtac gcccttgtg 120
ggtctcctca gggcgatggt agcgaatctc tgcaaaacgg taccattgtg tgacacact 180
tagatcaatg cctgtcagag ccttacaaca acgaatagca gtcttaatca acacagagg 240
atctttttct ggtctggtc catccaacga aggagaccag tggcccccaa tgg 293
```

<210> 1613
<211> 224
<212> DNA
<213> Homo sapiens

<400> 1613

```
ctggattgac cccaaccaag gctgcaacct ggatgccatc aaagtcttct gcaacatgga 60
gactggtgag acctgcgtgt accccactca gccagtggtg gccagaaga actggtacat 120
cagcaagaac cccaaggaca agaggcatgt ctggttcggc gagagcatga ccgatggatt 180
ccagttcgag tatggcggcc agggctccga ctctgccgat gtgg 224
```

<210> 1614
<211> 439
<212> DNA
<213> Homo sapiens

<400> 1614

```
ctccaccctg gcgatggctc cctggtccta ctttctctct caaactggct ttttctcatt 60
```

FD050-92964850

cctttgactc cgccagactt cctcgccccc atgacctggt gttgtgtctg atcaccccaa 120
 cattcctggc tgccaatgt ggggcaatga agacccagc gaaggaatgc tagagtgtgt 180
 gaaagtggag gacgcacgt caaaggacac ctgaggacgt ctcaaagaag ctcggcggga 240
 gagctgagcg ctcggaagaa ccaagaatca tctcttttga aaaatcgatt catcaaatga 300
 atcttcggcc aacaactgtt caagaaggat tcaaatatca caggttccaa gaagtaaagc 360
 tttggaggtc acaaaattag caatagaagc tgggttccgc catatagatt ctgctcattt 420
 atacaaataa tgaggagca 439

<210> 1615
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 1615
 aggcactcct ggaagtgggt cagtcagggt gcaaaaacat tgaacttgct gtcatgaggc 60
 gagatcaatc cctcaagatt tttaatcctg aagaaattga gaagtatgtt gctgaaattg 120
 aaaaagaaaa agaagaaaac gaaaagaaga aacaaaagaa agcatcatga tgaataaaat 180
 gtctttgctt gtaattttta aattcatatc aatcatggat gagtctcgat gtgtagg 237

<210> 1616
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 1616
 ctgggctcta gtttcattcc atctgtcatt ctgaggtaac agggacacat gtccaagtgt 60
 tggcccccgt ggcattgatt tagctttgtt gataggcatt gcatcttttg tgtaatatgc 120
 aataatggca tgaccagatt catgatatgc tgtgatgggt ttgttttttg tatcaatttc 180
 cacacttctt ctttcaggcc ccattagaat tttgtctttg gaaaactcca gctccttcatt 240
 ggtaaccatt tcttttccat caacag 266

<210> 1617
 <211> 185
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 1617
 ccatggctag gtttatagat agttgggtgg ttggtgtaaa tgagtgaggc aggagtccga 60
 gnagggttagt tgtggcaata aaaatgatta aggatactag tataagagat caggttcgtc 120
 ctttagtggt gtgtatgggt atcatttggt ttgaggttag ttgattagt cattgttggg 180
 tgggt 185

<210> 1618
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

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<222> (1)...(354)
 <223> n = A,T,C or G

<400> 1618

```
ctgttaacag ataagtttaa cttgcatctg cagtattgca tgttagggat aagtgccttat 60
ttttaagagc tgtggagttc ttaaatatca accatggcac tttctcctga ccccttccct 120
aggggatttc aggattgaga aatttttcca tcgagccttt ttaaaattgt aggacttggt 180
cctgtgggct tcagtgatgg ngatagtaca catntcactc agagngcatn tntgcatctt 240
ntaanatana tttcttaaaa gcctctaaag tgatcagntg ccttgatgcc aactaaggaa 300
atttgtttag cattgaatct ctgaaggctc tatgaaagga atagcatgat gtgc 354
```

<210> 1619
 <211> 170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1619

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ctgtgctgtg gagagaagct gatgttttgg tgtattgtca gccatcgtec tgggactcgg 60
agactatggc ctgcctccc caccctctc ttggaattac aagccctggg gtttgaagct 120
gactttatag ctgcaagtgt atctnncttt tatctggtgc ctctcaaac 170
```

<210> 1620
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 1620

```
cctgttgatt gcatactgta gaagatttga tgttcagact gggtcttctt acatatacta 60
tgtttcgtct acagttggta aatttttgtt tttctttgta ttaaattgtg aattgtattg 120
tctggaggaa aagacagagg tctaaaaata aagaaggagt acagtttggg catggtggtt 180
cacccttgga gtctagcac tttgggggcc aaggcaggca gattgcttga gccaggagt 240
tctagatgag cctgggcaac atagtggagc cccatctcta aaaaaacagt tttagggcc 300
ggcacagtgg ctcacacctg taagcccagc actttgggag gccgaggcag gcagatcata 360
agggaagag attgagacca tcctgg 386
```

<210> 1621
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 1621

```
ccaattctgc cgttccccg tgggccaaca acactggggt tgtatgcgtc tggaaccctg 60
tgatagtctt cggttgcca gcttgccca ccacatccac tgcttgccc acacggacag 120
acactggcaa tggccgcagc tctcatcaa acgtaaccag cattcggggc tgcattggcag 180
```

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ccaccagccc atacaatata tagtgtgatt tgcctagaat aatgtttcga acatccagga 240
 aagagacaag cacagtgagc agtccancca cggccacctg gtcataagc tgccgggtcg 300
 tgtggtaggg gcagagggtta aggggtgccct tccctaaatg tgtcag 346

<210> 1622

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1622

ggaagtttgt gctctctgcg tggctaagtt tttcacctac taggacgggg gtgggggtggg 60
 gagaacaggt gtccttctaa aatacagcac aagctacagc ctgcgtccag ccataaccca 120
 ggagtaacat cagaaacagg tgagaatgac cactttaact caccggggccc gtcgactga 180
 aataagcaag aactctgaaa agaagatgga aagtgaggaa gacagtaatt gggagaaaag 240
 tccagacaat gaagattctg gagactctaa ggatatccgc cttactctta tggagaagt 300
 attgcttctg ggactaaaag ataaagaggg gtacacatct ttctggaatg actgcatatc 360
 atcagg 366

<210> 1623

<211> 165

<212> DNA

<213> Homo sapiens

<400> 1623

ctgttgattg gctgtgacac tgctttgtgt catcttctta ccatgatcaa aggcgaagga 60
 agggatctct tttgggacat tgtgattgtt ttagcagaga gagaaagaga tgaaatacac 120
 ttcggttttc tcttaaaaaga tgcattgtatc atacagtgtc ttaag 165

<210> 1624

<211> 227

<212> DNA

<213> Homo sapiens

<400> 1624

ccaatgcccg gagcaggccc tctttccatc ccctgtcgga tgagctggtc aactatgtca 60
 acaaacggaa taccaggtgg caagccgggc acaacttcta caacgtggac atgagctact 120
 tgaagaggct atgtggtacc ttcttgggtg ggcccaagcc accccagaga gttatgttta 180
 ccgaggacct gaagctgcct gcaagcttcg atgcacggga acaatgg 227

<210> 1625

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1625

ctgtagcttt tgtgggactt cactgtctca ggcgtcaggc tcaggtagct gctggccgcg 60
 tacttggtgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
 ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
 agtgtggcct tgttggtttg aagctcctca gaggagggtg ggaacagagt gaccgagggg 240
 gcagccttgg gctgacctag gacggtcagt ttggtccctc cgccgaacac ccgaagataa 300
 ttagtgctgt ctggtgagta acaatagtag tcaccttcat cttccacctg ggccccagtg 360
 atgggtcaagg tgg 373

<210> 1626

050626-050626

<211> 367
 <212> DNA
 <213> Homo sapiens

<400> 1626
 ccagacgtgg tggctcacac ctgcaatccc agcaccttag gaggccgagg caggaggatc 60
 cttgaggtca ggagttcgag accagcctcg ccaacatggg gaaaccccat ttctactaaa 120
 aatacaaaaa ttagccaagt gtggtggcat atgcctgtaa tcccaactac tcagaaggcc 180
 gaggcaggag aattacttga acgcaggaga atcactgcag ccctggaggc agaggttgca 240
 gtgagccgag attgcaccac tgtactccag cctgggtgac agagcaagac tccatctcag 300
 taaataaata aataaataaa aagcgctgca gtagctgtgg cctcaccctg aagtcagcgg 360
 gccagg 367

<210> 1627
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 1627
 ctggataagg acatcaatac cttctctatg cgtgtcaggg tgtggtacgg gtatcacttt 60
 ccggagctgg tgaagatcat caacgacaat gccacatact gccgtcttgc ccagtttatt 120
 ggaaaccgaa gggaactgaa tgaggacaag ctggagaagc tggaggagct gacaatggat 180
 ggggccaaagg ctaaggctat tctggatgcc tcacggtcct ccatgggcat ggacatatct 240
 gccattgact tgataaacat cgagagcttc tccagtcgtg tgggtgtctt atctgaatac 300
 cgccagagcc tacacactta cctgcgctcc aagatgagcc aagtagcccc cagcctgtca 360
 gccctaattg gggaagcggg aggtgcacgt ctcatcgcac atgctggcag cctcaccaac 420
 ctgg 424

<210> 1628
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1628
 tcgactgtta tagcttagaa agcaacacta ctactatgag actataaaac attaaactat 60
 tttaagaaaa ccacgctgtg gaaaaatgga gccatttttg tcaaaaagtg gctcaaagca 120
 caaaactgct cagatgttca agagtcctag gagtctgggc tgcacagtat taaggggtga 180
 gaggagaccg acagcctgtt tgaatcaggc ttgtgagccc agctcatctg acaacttcaa 240
 agagcttctc tgcctataca ttccaccgtt tagcataaga caccacttta cgctatttac 300
 aagtctcctt ttgg 314

<210> 1629
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 1629
 ctggaccagc accccattga cgggtacctc tcccacaccg agctgggtcc actgcgtgct 60
 cccctcatcc ccatggagca ttgcaccacc cgctttttcg agacctgtga cctggacaat 120

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gacaagtaca tcgccctgga tgagtgggcc ggctgcttcg gcatcaagca gaaggatata 180
gacaaggatc ttgtgatcta aatccactcc ttccacagta ccggattctc tctttaaccc 240
tccccctcgt gttttccccc aatgtttaaa atgtttggat ggtntgttgt tctgcctgga 300
gacaaaggtg ctaacataga ttttaagttga ataacattaa cggtgctaaa aaatgaaaaa 360
ttctaaccga agacatgaca ttcttagctg taa 393

<210> 1630

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1630

ctgcaagaat atcagaaatc aatacaaaaca agtattgaca ggtgttacag acatgcaaaa 60
tatccttcaa tgcaacgaat ttttaagaaa tcagctagcc tatattaatc agatgtttta 120
ggtcaaacca agtttccatc tcgggctcag tgaaatagta ttaactcatt gagtctcctt 180
tccccagga atgttgggaa tggcagaaca gaaagagcta tcactcctta aattccttta 240
tgcgagtgtt actccaacac ttattttact tggtttactt ggaatgtatg agaggaaact 300
gatgtttttt acaatgg 317

<210> 1631

<211> 262

<212> DNA

<213> Homo sapiens

<400> 1631

ccttaggcaa gtcaccttac ttatctaaga ctgtttcccc acctggaaga tgccctacaa 60
gcctcctgtg gctgtgttta gaaagcatgc ccggcctttc ttgacagcca gccaccccag 120
atgatggcag ggcaagggaag actgtttagga gtcagagtgc tccccctcagg tggaaggaaa 180
ctgggccaac tctactttgt aagccatagg gtgccaggta gcccggccac cctgagcctg 240
tgccctccact gccccgcgt gg 262

<210> 1632

<211> 138

<212> DNA

<213> Homo sapiens

<400> 1632

ctggaattaa ttcttcgaca actccagacc gaccttcgga aggaaaaaca agacaaggcc 60
gttctccaag cagaagtgca gcacctgaga caggacaaca tgagactgca ggaggagtcc 120
cagaccgcga cagctcag 138

<210> 1633

<211> 192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 1633

ccttgaaggg acctcanagc aaaggaagag acctgggtgt ggtgaggcat cccanggcac 60
ggaagggacc ggttgtgctn ngggaatcca ctgnnccctc cttggnnaaa aaagcacaac 120

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acatcataca tatttaccag accagaagcg ctggcccca gtctcccca cctggtcggg 180
ggaacctcct gg 192

<210> 1634
<211> 447
<212> DNA
<213> Homo sapiens

<400> 1634
ctgcttttaa aggtcttaaa tcaactcgaat accttgactt gagcttcaat cagatagcca 60
gactgccttc tgggtctccct gtctctcttc taactctcta cttagacaac aataagatca 120
gcaacatccc tgatgagtat ttcaagcggt ttaatgcatt gcagtatctg cgtttatctc 180
acaacgaact ggctgatagt ggaataacctg gaaattcttt caatgtgtca tccctgggtg 240
agctggatct gtcttataac aagcttaaaa acataccaac tgtcaatgaa aaccttgaaa 300
actattacct ggaggtcaat caacttgaga agtttgacat aaagagcttc tgcaagatcc 360
tggggccatt atcctactcc aagatcaagc atttgcgttt ggatggcaat cgcactcag 420
aaaccagtct tccaccggat atgtatg 447

<210> 1635
<211> 364
<212> DNA
<213> Homo sapiens

<400> 1635
gtttttatttg agacataaaa acacatgtgt ttctattaca tagtgtgggg tttaggggtcc 60
tggtttctaa gacaagactt tatttcaccc tgtatcacag ctctctggga aatgaattag 120
ggagcaagag acggcctggc aagaaaatca ttattgttgc tgggaagttg caaagaaagg 180
ggagagttaa ttcaaattag tgtaacagag cccccaggat gaagagagtg gtgcagggaa 240
aaggtctaaa ttcttggtgt tgggtggggac actggcacat cccacagcaa ggactcagcc 300
ctcaacggcg gcggctgggt cttgggaggg gagtgggtgg agggtaaggg ctctcagct 360
ccct 364

<210> 1636
<211> 399
<212> DNA
<213> Homo sapiens

<400> 1636
ctggctggct agactgtttg tgcgccaaga ggatggtcag cgctgcttcc cagcctggct 60
ctgctggggc gctggcatct gggtcagttc caccattctc cctgctttct ttgccaagtg 120
tgatattcac ccaagggcac cagtctctat gctgagaggt gggatcaaag aagcttcggg 180
aagatgtgtc cgaactgctg gaggagcaga ggcgagctcg cttggcttcc cgagagggc 240
tagatgttac ctccaggcca ggggtgtctc ctgttcccat gcttcgggtc actgggcgag 300
ttctggtggt ggggctagca gcctctggct caggacggtc aacaggactg gaagagtccc 360
agctccgagt tcgagagaca atgggaccag ggctctttt 399

<210> 1637
<211> 246
<212> DNA
<213> Homo sapiens

<400> 1637
ctgagctttc agcagataaa tcacagcaga aatagaatca ccctaggact ttcaatcaaa 60
agctggaagt ccaccttaca gaaagacaaa aagaaacccc tttttatata ttaacaaagc 120

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aatagctctc aagcagcaga gcatctcgag gaagaaagct tgcccgggtcg ccatcccatc 180
 atgccagagc gtgcagtgtc cacccttgac tacgctgggg aattgctgat tttttgaaaa 240
 agcttg 246

<210> 1638
 <211> 453
 <212> DNA
 <213> Homo sapiens

<400> 1638
 ccaagagttc tccactgtga agactgaaag gacctggtga catttcggca tcagtctctgt 60
 taccacttgg aggtaacaga agcaggctcg tgtcctcctt taattctacc aactacatg 120
 actcgcaatt ggttctgaaa ttagaacggt caccatcgta cttaaaatct taggggcatg 180
 aagagtcagc tagaacaagg aaaaagaaag tcgcaggtag taggtaagta ggtgggcaca 240
 tgaaaagcca agctgctctg tccaacacca gtgtacatgt gctttaacta aatgaactcc 300
 agaggccaac agcagcagac ctgctcaatt caccttccaa atcagaacaa gacaaaaaag 360
 ctcaggcttg agttgtcaac tatgcatagg ttccgccagt gatgaggagc tcgtaagcag 420
 gatctctact ccttctgcac aacacgatgc aag 453

<210> 1639
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 1639
 tttgctgttc gtgatatgag acagacagtt gcggtgggtg tcatcaaagc agtggaacaag 60
 aaggctgctg gagctggcaa ggtcaccaag tctgccaga aagctcagaa ggctaaatga 120
 atattatccc taatacctgc caccacctc ttaatcagtg gtggaagaac ggtctcagaa 180
 ctgtttgttt caattgg 197

<210> 1640
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 1640
 ccagagcggg gagtcccacc acctcgaact ctgggaattc gagccacagc tctgccagta 60
 cccaagact cagcactagt ctgatgacct gctaattcac tgacagcata gggctgtctg 120
 ttgtttttgc gcaagttggg gtgaacaaaag ttcacaatat ctggtcgaat aggagccttg 180
 aatacagcag gcaaagtgac atttttgcca gatgactccc ctttttcgga gtacaccgat 240
 atcagtgggc gagcgcacgc catggcggac ctcgcccg 278

<210> 1641
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 1641
 ccattgttcc cgtgcatcga agcttgacag cagcttcagg tctcggtaa acataactct 60
 ctgggggtggc ttgggcccac ccaggaaggt accacatagc ctcttcaagt agctcatgtc 120
 cacgtttagt aagttgtgcc cggcttgcca cgtggtattc cgtttggtga catagttgac 180
 cagctcatcc gacaggggat ggaaagaggg cctgctccgg gcattgg 227

<210> 1642

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<211> 299
 <212> DNA
 <213> Homo sapiens

<400> 1642
 ctgcacatca aggacatctt caggaagttc aggattgccg tagctaaact gaaaaccacc 60
 atccatggac tctccaaacc aaacgtgttt cttctcagca ctagaatctg tccaccagtg 120
 tttccgtgga acattcaaag gattggcact tatgcatgtt tccccagttt ccatattaca 180
 gaataccttg atagcatcca atttgcaccc ttggttaggg tcaaccacgt attctccact 240
 cttgagttca ggatggcaga atttcaggtc tctgcagttt ctagcggggt ttttacgag 299

<210> 1643
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 1643
 ccaagggcta caatgagcag cgcacacagc agaacgtgca ggTTTTTgag ttccagttga 60
 ctgcagagga catgaaagcc atagatggcc tagacagaaa tctccactat tttaacagtg 120
 atagttttgc tagccaccct aattatccat attcagatga atattaacat ggagagcttt 180
 gcctgatgtc taccagaagc cctgtgtgtg gatggtgacg cagaggacgt ctctatgccg 240
 gtgactggac atatcacctc tacttaaatc cgtcctgttt agcgacttca gtcaactaca 300
 g 301

<210> 1644
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1644
 ctggtgagcg aaggatggga gcagagaaca gagctaaaac ccctggTTTT cttttcccca 60
 gatgtaaagc ctgctagctg gaactcacag aagattggaa caaaaagata ggagatggac 120
 acctggggga ctgctccagc acgaagggaa gcgatgagca tcacacagca gggccattgc 180
 aggggacagg tgctgtaatt cctgcccaga gaacttgaaa gcttacagtg tgctcacagg 240
 aaggaatcgg ctgagctagt ccagaaattg ctgcatttcc catattactt agttctttat 300
 tcatcctgtg gtaaagagtc acccttgttt tccgtatcta taaaactgaa agacttaaaa 360
 ttac 365

<210> 1645
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 1645
 ctggtgctgg aactgcagaa agttaagcag gagaacatcc agctagcggc agacgcccgg 60
 tctgctcgtg cctatcgaga cgagctggat tccctgcggg agaaggcgaa ccgcgtggag 120
 aggctggagc tggagctgac ccgctgcaag gagaagctgc acgacgtgga cttctacaag 180
 gcccgcatgg aggagctgag agaagataat atcattttta ttgaaaccaa ggccatgctg 240
 gaggaacag 249

<210> 1646
 <211> 433
 <212> DNA
 <213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 1646

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ctgtggccgg attgatgggg cccccacttc ctagggctga aggcaagttg aaggaagcag 60
caggagtacc ggaatgaaaa ccttgtttct caaaggactg ctgggttttg gagtacacag 120
aacccgagat atctggcacg cccgtgttac tggaggtgac tgaaacacca gtgttgatc 180
catgagaccc atatccactc ggctgttgga aaggggtggc cgatgcattc aactgacat 240
tcacaccatg ctgcttgga gaggtaggag ccacagggaa cacagcaggc ccatactgga 300
aggtgctggg gaggcccggg acccctgtat agtatggcag gctggtgtaa actgtagcca 360
ggaggcagcg ccgggttcag gaatgtctgc tgcgtggnat ggtgagtctg cgtctggttt 420
ctgttggggg tgg                                     433
```

<210> 1647
 <211> 451
 <212> DNA
 <213> Homo sapiens

<400> 1647

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ccagcttgca agcacgctgg caaatctctg tcaggtcagc tccagagaag ccattagtca 60
ttttagccag gaactccaag tccacatcct tggcaactgg ggacttgccg aggttagcct 120
tgaggatggc aacacgggac ttctcatcag gaagtgggat gtagatgagc tgatcaagac 180
ggccaggtct gaggatggca ggatcaatga tgtcaggccg gttggtagcg ccaatgatga 240
acacattttt ttttgtggac atgccatcca tttctgtcag gatctgggtg atgactcggg 300
cagcagcccc accaccatct ccaatgttac ctccacgagc cttggcaatc gaatccagct 360
catcaaagaa tagcacacag ggggcagctt ggccggccct gtcaaagatt tctctgacat 420
tggcctcaga ctcccaaac cacatggtga g                                     451
```

<210> 1648
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 1648

```
cctaaacgag gatttcagct tccattatgc ccaactccag tccaacatca ttgaggcgat 60
taatgagctg ctagtggagc tggaaggagc aatggagaac attgcagccc aggctctgga 120
gcacattcac tccaatgagg tgatcatgac cattggcttc tcccgaacag tagagg      176
```

<210> 1649
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 1649

```
tgtggctgtg ccgttgggtcc tgtgcggtca cttagccaag atgcctgagg aaaccagac 60
ccaagaccaa ccgatggagg aggaggaggt tgagacgttc gcctttcagg cagaaattgc 120
ccagttgatg tcattgatca tcaatacttt ctactcgaac aaagagatct ttctgagaga 180
gctcatttca aattcatcag atgcattgga caaatccgg tatgaaagct tgacagaccc 240
cagtaaatta gactctggga aagagctgca tattaacctt ataccgaaca aacaagatcg 300
aactctcact attgtggata ctggaattgg aatgaccaag gctgacttga tcaataacct 360
tggtactatc gccaaagtctg ggaccaaaagc gttcatggaa gctttgcagg ctggtgcaga 420
```

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tatctctatg attgg

435

<210> 1650
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 1650
 ccatgtctgt attgtaactg gtaaaaggct tcaagtcaga ttgatgatca agaaaagtca 60
 aaacccagc ccaagattgg gaaagcaggt ggtggtcca agctttttaa aaattattga 120
 agctctccat cctgttctgt gagtgtgtct tctctttctc cttcacgtca tagccgtgac 180
 ccaccgttca tctctgtctt tgcgtaaaga tgaccgatgg agtccaaagc caagtggctt 240
 caccag 246

<210> 1651
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 1651
 cggcaagttc tcccaggaga aagccatggt cagttcgagc gccaaagaccg tgaagcccaa 60
 tggcgagaag ccggacgagt tcgagtcagg catctcccag gctcttctgg agctggagat 120
 gaactcggac ctcaaggctc agctcagggg gctgaatatt acggcagcta nngaaattga 180
 agttggtggt ggtcggaaaag ctatcataat ctttgttccc gttcctcaac tgaaatcttt 240
 ccagaaaatc caagtccggc tagtacgcga attggagaaa aagttcagtg ggaagcatgt 300
 cgnctttatc ggctcagagg aggaattctg cctaagccaa ctcnaaaaag ccgnacnaaa 360
 aattanngca aaaagcgtnc caggagccgt nctctgacag 400

<210> 1652
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1652
 ctgggggtgc ccatcttctg tgctctgtgg tacatatctg tgtcgccaaa gtagcgtgcc 60
 cggtacagca agccttccct ctgctgcttc tccttcagc agttgttccg gaggttggcg 120
 atataatcat ctccacatt ccgctcgact gttttgaggc tggagcctgt gtactcttgc 180
 gagaaagtgt ctccacata gtagacgaca cccaggtggc cagtgaactc cctgtggatg 240
 tggccacag acggtcttgg actcagactg tagggtggac tggagaccat gagctggctg 300
 agagctgaca cgagaatcag gatgaggata ggcacatg 338

<210> 1653
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 1653
 gcggtggagc cgccacaaa atgcagattt tcgtggaaac ccttacgggg aagaccatca 60
 ccctcgaggt tgaaccctcg gatacgatag aaaatgtaaa ggccaagatc caggataagg 120

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aaggaattcc tcttgatcgg cagagactga tctttgctgg caagcag

167

<210> 1654
<211> 1034
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1034)
<223> n = A,T,C or G

<400> 1654
atgcatgctc gagcgccgc cagtgtgatg gatatctgca gaattcgccc ttagcgtggt 60
cgcgccgag gtccaagagg gagataanac aaacttctca aacaaaaaga aaagaaaaac 120
gaatgattca tctgctttaa tcagtgtgat taatgcagca ccattgccc cggaaccgt 180
ttctgctgta ctatctggat actaaaatgt tacggaagta gctctttgtt ctccctcact 240
ctgcccttag ttaatagaaa ttcagactcg ccaagtaagg ctttgtgcat agtgtcttca 300
tgtcgcgat agttgagcgc gttcttagca gttggcttca tggacagctc attagtgttt 360
tgacttttct taccagcgt taattgaatt cttgctttaa gacaacttcc tttttgtagt 420
ggtgaacctt gccctttagt acagttcaag tgaatctgga taattgttca tctttgcttt 480
agcttagata ccatgtagtg gtctgtggct acaggaagct ggttctgtct gcttccacag 540
tctgcttaaa aaactgtctg acttcgtgaa tatagagacc aagtttacca cttctgatga 600
agagaccaat taagattcat tctcattct gtttctttcc agtgggagaa gagtcccat 660
gaaataagat gaaactgatt ccatgcacta gtacatgtag gcttctccct tgcgcaaagc 720
ttaacaattt gtaggaaact ttgggtcttt ttgtcccaag aaaaaggaat gtcttgacag 780
gcttaaaagt tttcgtcccc ttgcacctta aaactcgaaa gtaggnaaa atccctttaa 840
agggtctttt ttaatagcca gaacttccca aaaggaatgg cnttttaggg aatttontag 900
ccatngcttt ttaaatttaa agaaattttt aanaaccttg cccnnggggn ggggnccgc 960
tccaaaaggg gnggnaaaaa ttccccagcc nacctttng gggggggccn cgttttcctt 1020
tnnngggggg aanc 1034

<210> 1655
<211> 487
<212> DNA
<213> Homo sapiens

<400> 1655
atgcatgctc gagcgccgc cagtgtgatg gatatctgca gaattcgccc tttcgagcgg 60
ccgcccgggc aggtcctact cttctccgct cattgtacta tctgccgtg gtggggatgg 120
cagtaggata atatttgatg acttccgaga agcatattat tggctccgct ataatactcc 180
agaggatgcg aaggatcatgt cctgggtggga ttatggctat cagattacag ctatggcaaa 240
ccgaacaatt ttagtgagca ataacacatg gaataatacc catatttctc gagtagggca 300
ggcaatggcg tccacagagg aaaaagccta tgagatcatg agggagctcg atgtcagcta 360
tgtgctggtc atttttggag gacctcggcc gcgaccacgc taagggcgaa ttccagcaca 420
ctggcgccgc ttactagtgg atccgagctc ggtaccaagc ttggcgtaat catggtcata 480
gctgttt 487

<210> 1656
<211> 514
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 1656
 atgcatgctc gagcgccccg ccagtgtgat ggatatctgc agaattcgcc cttancgtgg 60
 tcgcggccga ggctctaccc ataatccaga gaggcttgcc cagaggagga ctacgtgggg 120
 gacgtgccac cagaacccta cttgggggcg ggatgtcact ccgagggtcaa aacctgctcc 180
 gaggtggacg agccgtagct ccccgaatgg gcttaagaag aggtggtggt cgagggtcgtg 240
 gaggtcctgg gagagggggc ctaggggcgtg gagctatggg tcgtggcgga atcggtggta 300
 gaggtcgggg tatgataggt cggggaagag ggggctttgg aggccgaggc cgaggccgtg 360
 gacgagggag aggtgccctt gctcgccctg tattgaccaa ggagcagacc tgcccggggc 420
 gccgctcgaa gggcgaattc cagcactg gcggccgtta ctagtggatc cgagctcggg 480
 accaagcttg gcgtaatcat ggtcatagct gttt 514

<210> 1657
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 1657
 atgcatgctc gagcgccgc cagtgtgat gatattctgca gaattcgccc ttctgagcgg 60
 ccgcccgggc aggtccanac gctgacattg nttctgagtc ctttaagcagg aaggatttga 120
 aatcctggag cttggcagtc ttgctcttca cctctaagcc aatgttgacc ccttcattcta 180
 taaagtcac aactctccg aagtcatoct caccggaactg tcgagaagtt aaggctgggg 240
 ccccaagccg caggccgccc ggtgtgatgg cacttcggtc tccaggacag gtgttcttgt 300
 tggcagtgat ggatacaagc tctagcaccg gctcagcccg agctccatcc aggcccttgg 360
 gccgcaggtc caccagcacc aggtggttgt cagtaccacc tgataccagt gactagcctc 420
 gccctagcag ggcatctgcc atggcccagc cattcttcag aacctgcagg gactactccc 480
 ggaacatggg ggtgcaggac ctcgcccgcg accacgctaa gggcgaattc cagcactg 540
 gcggccgtta ctagtggatc cgagctcggg accaagcttg gcgtaatcat ggtcatagct 600
 gtttc 605

<210> 1658
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 1658
 agnnttcogn cggccctcna gntgcatgct cgagcgcccg cgcaagtgaga tgnatatctg 60
 cagaattcgc cttancgtg ggcgnangca tgacgtcgg gatcagaact aaaacaagtg 120
 agatcacccc tctaattatt tctgaactng gttaataaaa gcttataaga tttttatgaa 180


```

gcancactg tatgatattt taagcaaata tggtatttaa aatattgatc cttcccttgg 240
accaccttca tggttagttg gtattataaa taagagatac aacctgaat atattatggt 300
tatacaaaat caatctgaac acaattcata aagatttctc ttttatacct tcctcactgg 360
ccccctccac ctgcccatag tcaccaaatt ctgtttttaa tcaatgacct aagatcaaca 420
atgaagtatt ttataaatgt atttatgctg ctagactgtg ggtcaaagt ttccattttc 480
aaattattta gaattcttat gagtttataa tttgtaaatt tctaaatcca atcatgtaaa 540
atgaaactgt tgctccattg gagtagtctc ccacctaaat atcaagatgg ctatatgcta 600
aaaagagaaa atatggtcaa gtctaaaatg gctaattgtc ctatgatgct attatcatag 660
actaaccgac atttatcttc aaaacaccaa attgtcttta gaaaaatta atngtgatta 720
ccaggtagaa ggacctgccg gggcggnccg ctcgaaaggg ccgaaattcc agccccacct 780
gggc
784

```

<210> 1659

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 1659

```

tngngccctc tagatgcang ctcgagcggc cgccagtgtg atggatatct gcagaattcg 60
cccttagcgt ggtcgcgcc gaggtccatt aaagataagt ttggctaact attttactga 120
agagactaat ggtcttcct ctgttgact gctatgtttc ttgatctggt tttccccaat 180
gtaacagtct acattgaagt cctttagctc tctocatata ctaattgaca tttgttaagg 240
attcaatatt ttgtgaattc tttttacct taaaatgcat atctttcaga gagataagaa 300
tgaattttgc aataatttat atgcagagtg tgcttatggg tttctgggag ttcaagttag 360
taccagagag tgcttaaaag tacgatgcta aattctaagg ctaatgtaat gactgtagat 420
tatctatgtc cacattgttc aacagaaaata taatgtgaac cacaacataa tttttaattt 480
tctagttagc atattaaaaa agaaacaagc aaaattaatt ttaataacag tttatgtaac 540
ccagtatatt aaaaatatca tttcaacatg taatcaatat aaaagattat taatgaaaca 600
ccttatcctc tttttcttcc atgctaagtc ttagatttga gtgtattttg cactcacaga 660
acatctcaat tctgactgga cctgcccggg cgccgctcg aaagggcgaa ttccagcaca 720
ctggcgccg gttactagt gatccgagct ccggtaccaa gcttggcgta atcatggtca 780
tagctgttt
789

```

<210> 1660

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 1660

```

ccnccgacct tagatgcatg ctcgagcggc cgccagtgtg atggatatct gcngaattcg 60
ccctttccag cgcccgcccg ggcaggtcca tcagacttct tgggtgcctg gctatattca 120
atgtgaagta aaaaatatcc caagtcttac accaaaatag aggctctgac ttagaagtat 180
gcttttagct ttctttttta ataagacatt ctggaagaaa aaaaaagaaa agggaaagaa 240
aatcaagttt gaaacacagt taacacttat tttggcaaga aagcaaccaa aatctaaaaa 300

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09049626-050301

gcataaaacta tngntccaaa tgnaaaaggn attacagaac aaactgcaag aggggaaaaat 360
 taaagccnca ctgaacgaaa aaatacagta tgtctaacat tttggaattg naattttaaac 420
 cctaagggca aaagctgaaa aatcatgctt anacctnggn cnggaccacn ctaagggcgga 480
 attccancac actggcggn cgttactagt gatccnanc cggtagcaag cttggcgtaa 540
 tcttnggcac agctgtttc 559

<210> 1661
 <211> 453
 <212> DNA
 <213> Homo sapiens

<400> 1661
 ttgggccctc tagatgcatg ctcgagcggc cgccagtgtg atggatatct gcagaattcg 60
 cccttttcgag cggccgccc cgcaggtctg cagtgtccct ttttatatca tgctagtgtt 120
 gagacatact tgactaactt gggaacagtt cgatatattg acaaccgtca acttaagaaa 180
 atcaacagct tttggcccca gcttccaagt gaacttttca tggagtgcag aatctcaaat 240
 ggacaaaata ctttgcctt ttaaatactg aaaatttaac tattagtact atgactgaaa 300
 gattcttcat ggctaaaaag ctctgcatca aactcaattc aggaggacct cggccgcgac 360
 cacgctaagg gcgaattcca gcacactggc ggccgttact agtggatccg agctcgggtac 420
 caagcttggc gtaatcatgg tcatagctgt ttc 453

<210> 1662
 <211> 809
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(809)
 <223> n = A,T,C or G

<400> 1662
 ctcgagcggc cgccantgtg atggntatct gcagaattcg cccttancgg ccgcccgggc 60
 aggtccttag ccaaagaatg cagtggagcc ttccccnng ggctgcattg tgaatgaata 120
 ccaattgaca gcataaaaat taatagtccc atatcagatc tggaaggggt ttctggggct 180
 gtctgatgtc cctatcctgt tgtagtgaac acaatagcag aaaattcctt ctgggtccat 240
 ctgctataaa gtcttggtaa aacagcatta ctatgaagag gatgaactca cctaccttca 300
 natggaggaa aagtgaagag gacttaggct ttagtcctcc atgacttttc ttaagcacta 360
 cctacctgta ataagctgag tgcaaaaagg tgccgaagaa aatctgcacc cagaagctgt 420
 tagaaagcac tgcaangaa cagggnatga ataaaaataa nagntcttaa taaaccctta 480
 agattctttg ntcaaggggn actttgccaa aaggggcaga atangnggn aaagagttgc 540
 ttttaactta gctctacact ggcntttgaa aataaaattt gccatttng aaatatatng 600
 ggntataatt aaaatnggc tttttacact ggnggggcta tataaaaact gggtagtnaa 660
 atttccaccg agcatntatg gngatttgn caccagnaac ctccgggcn gaccacgct 720
 aagggnggaa ttccagcnac antgggggg ncnngntacct anagtggatc ccnagnctng 780
 ggncccnca anctttgggg gngtnaatc 809

<210> 1663
 <211> 585
 <212> DNA
 <213> Homo sapiens

<400> 1663
 ttgggccctc tagatgcatg ctcgagcggc cgccagtgtg atggatatct gcagaattcg 60

```

cccttgccgc ccgggcaggt gatggatgag gagcaaaaac tttatacggg tgatgaagat 120
gatatctaca aggctaataa cattgcctat gaagatgtgg tcgggggaga agactggaac 180
ccagtagagg agaaaataga gagtcaaacc caggaagagg tgagagacag caaagagaat 240
atagaaaaaa atgaacaaat caacgatgag atgaaacgct cagggcagct tggcatccag 300
gaagaagatc ttcggaaaga gagtaaagac caactctcag atgatgtctc caaagtaatt 360
gcctatttga aaaggttagt aaatgctgca ggaagtggga gggtacagaa tgggcaaat 420
ggggaaaggg ccaccaggct ttttgagaaa cctcttgatt ctacgtctat ttatcagacc 480
tcggccgcga ccacgctaag ggcgaaattcc agcacactgg cggccggtac tagtggatcc 540
gagctcggta ccaagcttgg cgtaatcatg gtcatactg tttcc 585

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<210> 1664

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(999)

<223> n = A,T,C or G

<400> 1664

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ancngetcn agcgccgcc antgtgatgg atatctgcag aattcgccct ttcgagcggg 60
ccgcccgggc aggtctgaca atngattaaa caggcgacat gcaaccccca ctaaggttaa 120
aagtccaaaa ctactcacac gcatctcttn attggggaaa agctgagact attatncatt 180
cttggtagnc ttgcaacctt gcatgaagag caccattgc atttctttca tctttcagaa 240
agcacgggta tctgttccaa ggnctaaca gtacnaaaat acnttntggg attacacctt 300
tnaaacccaa nactgtnttc attaaaaata attttgntt gtaacaaaat tatgaaatac 360
aatgcaagca cctnggtata gcattattac tgaaaccact taattcccag ctttttgagt 420
tttttaaaaa aaccactgc actaagattc acaattcatt gctacataca aattaaagct 480
agtaagaaca cactaacgtc acaagtttct cattctaaag tgcnaaancc ntaatngtct 540
ngaaagtgga acaggggtaa agggcaaaaa ttaaccccc ccaccccaat taaagtttcc 600
tggaangtca ntantntttt naatccccaa aggnnncatt tctntttaaa aaaattggnt 660
acctttggaa ctggggtaaa gnaaaatnag gaacccctgg gnggttttt ttatnttttc 720
ttnaanccaa cccccaatt ccacctaaa aacccccacc cgggggangg ccaaaangnc 780
cacccttngg gaaacncttt tngtgggggn cccggtcgna aaaccaacc nccctntaaa 840
aagggggggt cgnaaaaaaa tttctccna aganaaaccc accttgggg cgnggggaacn 900
cgnnttacc nttaaaatgg ggggaattcc ccgaaagcgt ttgggggtaa ccccaaaaga 960
cctttggggg gggaaaaatg aatgggggnc cattaacn 999

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<210> 1665

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

<400> 1665

gctaaagggtg accccaagaa accaaag

27

<210> 1666

<211> 37

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<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer

<400> 1666
ctattaactc gagggagaca gataaacagt ttcttta

37

<210> 1667
<211> 207
<212> PRT
<213> Homo sapiens

<400> 1667
Met Gln His His His His His Ala Lys Gly Asp Pro Lys Lys Pro
1 5 10 15
Lys Gly Lys Met Ser Ala Tyr Ala Phe Val Gln Thr Cys Arg Glu
20 25 30
Glu His Lys Lys Lys Asn Pro Glu Val Pro Val Asn Phe Ala Glu Phe
35 40 45
Ser Lys Lys Cys Ser Glu Arg Trp Lys Thr Met Ser Gly Lys Glu Lys
50 55 60
Ser Lys Phe Asp Glu Met Ala Lys Ala Asp Lys Val Arg Tyr Asp Arg
65 70 75 80
Glu Met Lys Asp Tyr Gly Pro Ala Lys Gly Gly Lys Lys Lys Lys Asp
85 90 95
Pro Asn Ala Pro Lys Arg Pro Pro Ser Gly Phe Phe Leu Phe Cys Ser
100 105 110
Glu Phe Arg Pro Lys Ile Lys Ser Thr Asn Pro Gly Ile Ser Ile Gly
115 120 125
Asp Val Ala Lys Lys Leu Gly Glu Met Trp Asn Asn Leu Asn Asp Ser
130 135 140
Glu Lys Gln Pro Tyr Ile Thr Lys Ala Ala Lys Leu Lys Glu Lys Tyr
145 150 155 160
Glu Lys Asp Val Ala Asp Tyr Lys Ser Lys Gly Lys Phe Asp Gly Ala
165 170 175
Lys Gly Pro Ala Lys Val Ala Arg Lys Lys Val Glu Glu Glu Asp Glu
180 185 190
Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Asp Glu
195 200 205

<210> 1668
<211> 636
<212> DNA
<213> Homo sapiens

<400> 1668
catatgcagc atcaccacca tcaccacgct aaaggtgacc ccaagaaacc aaagggcaag 60
atgtccgctt atgccttctt tgtgcagaca tgcagagaag aacataagaa gaaaaaccca 120
gaggtccctg tcaattttgc ggaattttcc aagaagtgtc ctgagagggtg gaagacgatg 180
tccgggaaag agaaatctaa atttgatgaa atggcaaagg cagataaagt gcgctatgat 240
cgggaaatga aggattatgg accagctaag ggaggcaaga agaagaagga tcctaagtct 300

0503050609049305

cccaaaaggc	caccgtctgg	attcttctctg	ttctgttcag	aattccgccc	caagatcaaa	360
tccacaaacc	cggcatctc	tattggagac	gtggcaaaaa	agctgggtga	gatgtggaat	420
aatttaaatg	acagtgaaaa	gcagccttac	atcactaagg	cggcaaagct	gaaggagaag	480
tatgagaagg	atgttgctga	ctataagtcg	aaaggaaaagt	ttgatgggtgc	aaagggtcca	540
gctaaagttg	cccggaaaaa	ggtggaagag	gaagatgaag	aagaggagga	ggaagaagag	600
gaggaggagg	aggaggagga	tgaataatga	ctcagag			636

<210> 1669

<211> 2821

<212> DNA

<213> Homo sapiens

<400> 1669

ccacgcgtcc	gcgccgcgcg	gcgcagggga	ggcgagagggc	gccccccggt	ggagagcctg	60
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<210> 1670
<211> 137
<212> PRT
<213> Homo sapiens
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				20					25					30		
Ile	His	Ser	Gly	Arg	Ile	Ala	Ala	Val	His	Asn	Val	Pro	Leu	Ser	Val	
				35					40					45		
Leu	Ile	Arg	Pro	Leu	Pro	Ser	Val	Leu	Asp	Pro	Ala	Lys	Val	Gln	Ser	
				50					55					60		
Leu	Val	Asp	Thr	Ile	Arg	Glu	Asp	Pro	Asp	Ser	Val	Pro	Pro	Ile	Asp	
				65					70					75		
Val	Leu	Trp	Ile	Lys	Gly	Ala	Gln	Gly	Gly	Asp	Tyr	Phe	Tyr	Ser	Phe	
				85					90					95		
Gly	Gly	Cys	His	Arg	Tyr	Ala	Ala	Tyr	Gln	Gln	Leu	Gln	Arg	Glu	Thr	
				100					105					110		
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<400> 1671

Met Ala Arg Pro Glu Leu Arg Pro Gly Gly Gly Gly Glu Ser Arg Gly
5 10 15

Gly Gly Asp Asp Gly Ala Ala Cys Arg Asn Ala Gly Gln Gly Arg
20 25 30

Arg Gly Ser Gly Gly Ala Arg Gly Ala Arg Ala Glu Arg Arg Arg Ala
35 40 45

Gly Arg Gln His Pro Leu Gly Pro His Arg Arg Gly Ala Gln Arg Ala
50 55 60

Ala Glu Arg Ala His Pro Ala Ala Ala Val Arg Val Gly Pro Arg Gln
65 70 75 80

Gly Ala Glu Pro Arg Gly His Asp Pro Gly Gly Pro Arg Gln Arg Ala
85 90 95

Pro His Arg Cys Pro Leu Asp Gln Arg Gly Pro Gly Arg
100 105

<210> 1672

<211> 145

<212> PRT

<213> Homo sapiens

<400> 1672

Met Gly Leu Lys Ser His Val Leu Pro Ala Pro Asn Ser Gln Gly Gln
5 10 15

Gly Ser Leu Cys Ile Phe Val Tyr Val Thr Ser Tyr Met Asp Tyr Ile
20 25 30

Gln Leu Gln Gly Lys Glu Asn Leu Asp Cys Ser Gly Leu Asn Lys Gln
35 40 45

Lys Ile Val Phe Pro His Ser Met Asp Ser Gly Asp Gly Trp Leu Met
50 55 60

Val Leu Val Gln Gln Leu His Glu Gly Arg Gly His Val Leu Asp Pro
65 70 75 80

Phe Ala Leu Ile Ser Val Leu Val Thr Ser Trp Ser Gln Asp Gly Cys
85 90 95

Cys Ile Pro Lys Asn His Val Cys Val Gln Gly Arg Arg Gly Gly Gly
100 105 110

Arg Gly Arg Ala Lys Leu Ala Gly Pro Val Thr Phe Tyr Gln Lys Val
115 120 125

Lys Pro Arg Gln Lys Ser Val Ser Cys Ser Leu Pro Leu His Ile Phe
130 135 140

Thr
145

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<210> 1673
 <211> 117
 <212> PRT
 <213> Homo sapiens

<400> 1673

Met Asp Tyr Ile Gln Leu Gln Gly Lys Glu Asn Leu Asp Cys Ser Gly
 5 10 15

Leu Asn Lys Gln Lys Ile Val Phe Pro His Ser Met Asp Ser Gly Asp
 20 25 30

Gly Trp Leu Met Val Leu Val Gln Gln Leu His Glu Gly Arg Gly His
 35 40 45

Val Leu Asp Pro Phe Ala Leu Ile Ser Val Leu Val Thr Ser Trp Ser
 50 55 60

Gln Asp Gly Cys Cys Ile Pro Lys Asn His Val Cys Val Gln Gly Arg
 65 70 75 80

Arg Gly Gly Gly Arg Gly Arg Ala Lys Leu Ala Gly Pro Val Thr Phe
 85 90 95

Tyr Gln Lys Val Lys Pro Arg Gln Lys Ser Val Ser Cys Ser Leu Pro
 100 105 110

Leu His Ile Phe Thr
 115

<210> 1674
 <211> 90
 <212> PRT
 <213> Homo sapiens

<400> 1674

Met Asp Ser Gly Asp Gly Trp Leu Met Val Leu Val Gln Gln Leu His
 5 10 15

Glu Gly Arg Gly His Val Leu Asp Pro Phe Ala Leu Ile Ser Val Leu
 20 25 30

Val Thr Ser Trp Ser Gln Asp Gly Cys Cys Ile Pro Lys Asn His Val
 35 40 45

Cys Val Gln Gly Arg Arg Gly Gly Gly Arg Gly Arg Ala Lys Leu Ala
 50 55 60

Gly Pro Val Thr Phe Tyr Gln Lys Val Lys Pro Arg Gln Lys Ser Val
 65 70 75 80

Ser Cys Ser Leu Pro Leu His Ile Phe Thr
 85 90

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<210> 1675
 <211> 102
 <212> PRT
 <213> Homo sapiens

<400> 1675
 Met Gln Asn Cys Val Pro Val Ser Phe Cys Cys Val Thr Asn His Pro
 5 10 15
 Gln Thr Trp Gln Leu Glu Thr Asn Pro Val Phe Ser His Asn Pro Met
 20 25 30
 Gly Trp Gln Phe Gly Leu Gly Ser Thr Gly Gln Phe Cys Cys Ser His
 35 40 45
 Leu Gly Ser Leu Met Glu Leu Arg Ser Ala Val Thr Ser Ala Gly Pro
 50 55 60
 Gly Trp Ser Arg Ile Ala Leu Leu Thr Cys Leu Ala Gly Asp Arg Leu
 65 70 75 80
 Leu Ala Gly Ile Ala Trp Phe Ser Ser Met Trp Pro Leu Gln Gln Ala
 85 90 95
 Ser Ser Gly Leu Phe Thr
 100

<210> 1676
 <211> 1336
 <212> DNA
 <213> Homo sapiens

<400> 1676
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 cagcaaagaa aaggaatagg atcaagagat acgtggctgc tggcagagca agcatgaatt 180
 cgatgacttc agcagttccg gtggccaatt ctgtgttggt ggtggcacc cacaatgggt 240
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 tctacggagg ctttcccttc tggggaggct tgtggtttat catttcagga tctctctccg 540
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09049626 050301

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<210> 1677
 <211> 250
 <212> PRT
 <213> Homo sapiens

<400> 1677

Met Asn Ser Met Thr Ser Ala Val Pro Val Ala Asn Ser Val Leu Val
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Val Ala Pro His Asn Gly Tyr Pro Val Thr Pro Gly Ile Met Ser His
 20 25 30

Val Pro Leu Tyr Pro Asn Ser Gln Pro Gln Val His Leu Val Pro Gly
 35 40 45

Asn Pro Pro Ser Leu Val Ser Asn Val Asn Gly Gln Pro Val Gln Lys
 50 55 60

Ala Leu Lys Glu Gly Lys Thr Leu Gly Ala Ile Gln Ile Ile Ile Gly
 65 70 75 80

Leu Ala His Ile Gly Leu Gly Ser Ile Met Ala Thr Val Leu Val Gly
 85 90 95

Glu Tyr Leu Ser Ile Ser Phe Tyr Gly Gly Phe Pro Phe Trp Gly Gly
 100 105 110

Leu Trp Phe Ile Ile Ser Gly Ser Leu Ser Val Ala Ala Glu Asn Gln
 115 120 125

Pro Tyr Ser Tyr Cys Leu Leu Ser Gly Ser Leu Gly Leu Asn Ile Val
 130 135 140

Ser Ala Ile Cys Ser Ala Val Gly Val Ile Leu Phe Ile Thr Asp Leu
 145 150 155 160

Ser Ile Pro His Pro Tyr Ala Tyr Pro Asp Tyr Tyr Pro Tyr Ala Trp
 165 170 175

Gly Val Asn Pro Gly Met Ala Ile Ser Gly Val Leu Leu Val Phe Cys
 180 185 190

Leu Leu Glu Phe Gly Ile Ala Cys Ala Ser Ser His Phe Gly Cys Gln
 195 200 205

Leu Val Cys Cys Gln Ser Ser Asn Val Ser Val Ile Tyr Pro Asn Ile
 210 215 220

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Tyr Ala Ala Asn Pro Val Ile Thr Pro Glu Pro Val Thr Ser Pro Pro
225 230 235 240

Ser Tyr Ser Ser Glu Ile Gln Ala Asn Lys
245 250

<210> 1678
<211> 177
<212> PRT
<213> Homo sapiens

<400> 1678

Thr Arg Pro Arg Arg Ala Ala Gln Gly Arg Arg Glu Ala Pro Pro Gly
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Gly Glu Pro Glu Pro Arg Ala Ser Leu Ala Ala Pro Gly Glu Arg Ser
20 25 30

Arg Ser Arg Ala Gly Asp Arg Gly Val Glu Ala Gly Pro Arg Arg Gly
35 40 45

Arg Gly Arg Asn Ala Arg Cys Pro Gly Thr Gly Pro Asn Pro Pro Ala
50 55 60

Ala Arg Asn Gly Met Ala Arg Pro Glu Leu Arg Pro Gly Gly Gly Gly
65 70 75 80

Glu Ser Arg Gly Gly Gly Asp Asp Gly Ala Ala Cys Arg Arg Asn Ala
85 90 95

Gly Gln Gly Arg Arg Gly Ser Gly Gly Ala Arg Gly Ala Arg Ala Glu
100 105 110

Arg Arg Arg Ala Gly Arg Gln His Pro Leu Gly Pro His Arg Arg Gly
115 120 125

Ala Gln Arg Ala Ala Glu Arg Ala His Pro Ala Ala Ala Val Arg Val
130 135 140

Gly Pro Arg Gln Gly Ala Glu Pro Arg Gly His Asp Pro Gly Gly Pro
145 150 155 160

Arg Gln Arg Ala Pro His Arg Cys Pro Leu Asp Gln Arg Gly Pro Gly
165 170 175

Arg

<210> 1679
<211> 42
<212> PRT

09849626.050301

<213> Homo sapiens

<400> 1679

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Tyr	Ala	Ala	Asn	Pro	Val	Ile	Thr	Pro	Glu	Pro	Val	Thr	Ser	Pro	Pro
			20					25					30		
Ser	Tyr	Ser	Ser	Glu	Ile	Gln	Ala	Asn	Lys						
		35					40								

<210> 1680

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 1680

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agtaatctat	attggtgaaa	ggatgtcaca	tttggtgtac	tcttangcaa	caaactaaga	600
aaaaaccctg	tcaggcaggg	acctgaggag	ttattaacga	accgggaaga	attcagggcg	660
gatgaaaactc	tcctaccaag	aaagggncaa	accgggccgc	agccatgttt	tcncat	717

<210> 1681

<211> 305

<212> DNA

<213> Homo sapiens

<400> 1681

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aatatcatta	ttaagtctcc	tcagattgat	ctatagattc	acagaaatcc	caattcaaac	180
cctatcagga	ctatttgtag	aaatagacac	actgatgata	aaatttacet	agaaacacaa	240
aggaagcaga	atagccaaaa	attattgggg	aaaaaatgta	gttgaaggat	tcccattact	300
ccttt						305

<210> 1682

<211> 498

<212> DNA

<213> Homo sapiens

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<400> 1682

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aaattacact ccataaattt agacatatgt ctctccaagt aagtaacgagc tgattgggaa 60
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atgtgagggc ccataatcatc ataaccagca ataaggagac caacaccata tggctccgg 180
ccatatcggt gtgttggtat ctgggtctct tagactggtt aacgagcttg ttttaacaag 240
gaatgaagta ctgtctttat tttcaaatta tacattatta acaaaggtct ctggcttatt 300
ctttaattgt tgcataatcc accagagaaa taatgcaata ggacactatt tctttggcct 360
aatataaaat gtttgacttt ctaccgaacc taagaaagag tgccagcaaa ataatttctt 420
cccatctaaa acctgatttg ttttggatac aaggggggtct aggatttctt gggacatcta 480
gaaccattaa gaaacttt

```

<210> 1683

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1683

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aaaaattaaa aatagcaciaa ttctacaatt ctgattttac caagaaaata aacctttttt 60
ggcacatatt atcctatgaa aatggaaagc tgagtcaggc tgctctgctt ttcacagcac 120
aaataagcat tcatgctatc agacttgga aattaactcg gtgacaaaaa ttcactggaa 180
aatagaatcc ttggaaaaat ggggtcaggc gccatccact gagaggcaat gataatgtgt 240
gtccttcgtt attagcaciaa agtttaggcag cacactataa ttttagctac atgcaactct 300
ataggaacac atgtgggtaa gg

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<210> 1684

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 1684

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aaaagatgct gcttccctgt tttcttccag gaacacagag accaacacgg nttcaaacac 60
aggcgagct tctcactatt tcttggaat gttacttctc agcccaacac ttctcttccc 120
aagaagttca agttttgaga ctgtttttct ccccggaaca gtacttaaaa aaaaaaaaaat 180
cnttgatntt caaanatggg ttnttttctg gtcctggaan agcatcagta actaaatata 240
aagtintcca caatgctgcc cccctgggg ggctaaccgg atgccaaggg aga 293

```

<210> 1685

<211> 390

<212> DNA

<213> Homo sapiens

<400> 1685

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aaattgtcta actcctatcc cagtttcttt ttatagtcta aaaacaagga atcacccaag 60
taagatactc cttcagagca ctgctgaaaa cggatcaaac gtagagatcc ccagatccc 120
tgttctcaag tgttaaaaaat attttatatt agcacataga atacccttag atatattctg 180
ttatgttcta aagagtttgt gtttccccct ttttgatgat gtcttcaatt tcttctgaga 240
cctttctgt atagtcattt ggttctattg cttttaactt ctcttgatac tccagcgga 300
aaccattttc ttttgcaccc atgcaaataa tctttttata ctgtggggat gggggagcac 360

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T05050"92964860

tttcgtaatt tgtcatcaga taacttcgac

390

<210> 1686

<211> 549

<212> DNA

<213> Homo sapiens

<400> 1686

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gggtccagtc caacctgctc ctcatatttg taaacatgtg cagaatcaat atggtggaac 60
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aaccaaacgt aatattttct gactaatgtg cctgagagtt agttcgggca caagcagcaa 180
cgttcacaaa aatcagcttt tcctcctttc ttggatgagc tctgtatgta gaatcataag 240
cccatcccag tctgactggg tctttcccat ttagtaataa aggttgggca tagcaggaac 300
ttctgcagtc ccagaaaaat cactgaaagt ggaagtgtcc ccaaaacaat ttcactttca 360
gtgatttttt ggaaaaatca acaggacgca actatagtta cagacataat cttaattatt 420
tttagtatgg tgaaattaac acaaggaaat agccacatgg aaggaattat gaaggaatgc 480
agtgtaaagt cctgtgattc ctctcccacc atgttgacac gagcgcaactg actttatcca 540
gcatcatat

```

<210> 1687

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(442)

<223> n = A,T,C or G

<400> 1687

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caactgcaaa tgaagatcct ttttggtatc ttgntgagaa agacacattn ggggggggggt 60
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aataatcagg gcattgcaca agaggaggcg cttcatctaa ttgatgaaat ggatttgaat 180
ggtgacaaaa agctctctga agaagagatt ctggaaaacc cggacttggt tctcaccagt 240
gaagccacag attatggcag acaggctcca tgatgactat ttctatcatg atgagcttta 300
atctccgagc ctgtctcagt agagtactgg ctctttttat aatttggtac cagctttact 360
tttgtgataa aatattgatg tngnntttta cactcttaag tcttaaccac agtcacaatt 420
atcttaatgt agatnataat tg

```

<210> 1688

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 1688

```

ctgccagcta acagcaagag cntntgagggc atcactgaac agatagcacc tnatgngntn 60
tnatgattca aaaatctccc ttgctgttgg atttaccac acgtaggctt ttatttcttc 120
ccattacatc tgttttagcca cagaaagcat cgggccatac tcaactgcaga agataagact 180
tcctcagaat cttatttggt tagtgcactc aattttactt cactgtctca tcacttgaga 240

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TOE050"92964850

gactgggttaa ggcaagaaac ccatttctta acattttttt tgttttcaaa catttgaaaa 300
gcaacaccaa aacgtatgca gttaatcct caattctttc 340

<210> 1689
<211> 140
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 1689
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nggtctttta tttcagggtt ttgcatgcgc tctattcccc ctctgectct cccaccttc 120
tttggagcaa ggagatgcag 140

<210> 1690
<211> 485
<212> DNA
<213> Homo sapiens

<400> 1690
gagattatta cccagaattc acatgtaggg atggggaagg acaatttttt tttaactaaa 60
aaagtgtggc gcaggggtgg ggggtggcaa tcatttttct tcctatacat acaaaggata 120
ttgtcaaaaa tggcgttctt ctcttggtggc ctgttattct gattgctgct gtatacagtt 180
ttgtcactct ttagttttta gttaagcata ctgatagact ttcctctaaa agccattcac 240
tccagatttt acctggggaa tattctacat actgcttact ttctctataa aactcatcaa 300
taaatcatga aaggcactga gttttgtaaa tcaggaccct aaatgtttta ttgtaaataa 360
gtttcagata attattatag ctttgcggtg aagtttggtg ttttttttct caactagtta 420
agtcaactgc ttctgaaata actctgtatt gtagattatg cagatcttta caggcataaa 480
tattt 485

<210> 1691
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 1691
gaagaaacaa ngatgacttt tttnanaaca aagcataatg ctggcaatnn ngnggggggt 60
nnagtttttc aaacatgtta tcttaaatac ccttttatcc ttacaggttg acataacttt 120
gaatgtttta acagcaagaa tnttaagaaa agataaacac cattttattt atntataaaa 180
acaaaattan ttncaaatat ttttgacatt gtgatttttt ttttccacat ttctcagcaa 240
anctaattggn attttaatca ttatttttgc ctgtcataag aaaactctta nctgaaatgg 300
ccnnaaaact gtganacatg ctatggaanc tgaatgccgg ac 342

<210> 1692
<211> 450

106050"9294860

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 1692
aaaaatggg ccccaaagac tgntaagagc tcatccccgt ggtctcctat caccggggnn 60
gggggttcag tctgatgaga agcttggacg gtactgaaac tcatacatgt aggtgggtgc 120
tccagcatct ctgtggttcc gggccacaat cacagatggg acaccaaaca tcacatctgc 180
tatcaagtcc aggaacaggt ctttcttttt gacagtgtcg tctgttcctc ctaagtattt 240
ctcagtggct tctggaatca gttccttagc aatgcaaaca aggggatagg acttccacag 300
gagtgcacatg gctgtcttct ggtccagttg cccttcggag agtggatagc tcatcaactg 360
cattggaatc aaccagccaa actcctgctt gttaattccg accatgtang ggacagngtg 420
gaaattcctt tcagcttgaa agctcttcag 450

<210> 1693
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 1693
ctattttatt aacatcatgn ttttaataaat aactggctac ttctaataaa nnggggggnt 60
cngtttacaa cagcccccaa tattccattt tgaccactct gcagaatttg gtgtaaaaag 120
ttgaatgaaa ttagaacctt gagctatcaa gtaattatgt ttcaatataa aaatagagaa 180
ttactcttac aactgaagat tgaacaataa cacaacaac ctctttgttg gttttagggt 240
cggtaaaatt agttgggac ttaatggctg tctaaagcag gaaganacag aattttaatc 300
tttctgaaga cttctgggaa ctnccttgaa agngatttgc taccttatca gagtttatga 360
gctattattt tggtnaaggc acaangaaag gattcccang nngttgntan tcttttgccc 420
tggacnaca anattg 436

<210> 1694
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 1694
attatctgca aggttttttt gtgtgtgtn tngnttttat tttcaatatg caagttaggc 60
ttaatttttt tatctaata tcatcatgaa atgaataaga gggcttaaga atttgcocat 120
ttgcattcgg aaaagaatga ccagcaaaag gtttactaat acctctccct ttggggattt 180
aatgtctggg gctgccgcct gagtttcaag aattaaagct gcaagaggac tccaggagca 240
aaagaaacac aatatagagg gttggagttg ttagcaattt cattcaaat gccaaactgga 300

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gaagtctgtt ttt

313

<210> 1695
 <211> 522
 <212> DNA
 <213> Homo sapiens

<400> 1695
 ccattttcag gggaagcttg ggagagcaat agtatggtga gccccttaga gatgagcgcc 60
 tactccttct tggcgaatgc tgccttcaga tgcttaccaa gtgggtcactg catctagtaa 120
 gattatattt ccagtacact tccttagggc agaaacacca tctatcagg tttggtcagt 180
 cccttcttca tgaagggagt catggggaat tcctgaaaat tttcttcctt ctgcagacag 240
 ttggatgagt cccttagaga aggcattccag agacataact aaactgaata tcatcccata 300
 ttgatttttag gaattgactc taaaactctg tgcagaatct tgtgttgga ttgtatcttg 360
 acattcctgt tgtgttattt ttcttaactg gagtgtgtgc tgcctttcag gtacaatttt 420
 tgtgtaataa aagccagtgc attaagttta tatagactac tttctatgca agactgagat 480
 atggaataga taggaagaga tatgtactgc tgggtacatg ga 522

<210> 1696
 <211> 174
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(174)
 <223> n = A,T,C or G

<400> 1696
 ccagccattg cctggcattt ggtagtatag tatgattctc accattattt gncanggagg 60
 cagacataca ccagaaatgg gggagaaaca gtacatatct ttctgtcttt agtttattgt 120
 gtgctggtct aagcaagctg agatcatttg caatggaaaa cacgtaactt gttt 174

<210> 1697
 <211> 561
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(561)
 <223> n = A,T,C or G

<400> 1697
 ctgtaatgtt attgcagatc cncatctctc gctcaactgt taatgtctca acctnnagag 60
 gcaccccacc cagcacactg tcagtaaagg ggcagattga aacagtgaga gttaagggtta 120
 cagttagaaa ttctgcatgt ttgcagtgc tagaatcaga tagtagtggtg gtgggttttt 180
 tttttaatca ttatgaanag tgggagcttg caggtaaggc ttctgtggtg gtttgaaaag 240
 cagaaagcaa taaatgaaac aaagngtttg tgtaatatat tctgccttg tcttcttcac 300
 tcagagttga aatagggttt gcagtaaagc tggaaaaaaa aagaaaacaa atgttcaaaa 360
 ctgtgtgtgt tggngggngg aatttccttt gcttatagna gtttcagagn aactatatgt 420
 tttttttcct ttctttttca caggcacaga aaactgaatc tgtanataac gagggaaaat 480
 gaattgcatg aaaaattggg gttgatttta tgtatctctt gggacaactt ttcctcggcc 540
 gcnaccacnc taagggcgaa t 561

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<222> (1)...(257)

<223> n = A,T,C or G

<400> 1701

```
aaanaacact annggacctt agagatnata actgtttgat aatttgntc agncgtattg 60
nntaaaaaga tatatnnng gggggnnnnt cngtgtnaan ngntgtttgg attgcctgat 120
attatancnn ggnggttggg nnntatntna cncantatac ctengncgca accncgctaa 180
tggcnagnat catnacactg gcngncgtta ctactggatn cgagctcngt gccaatnncn 240
ncgtentcat ngccta 257
```

<210> 1702

<211> 526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 1702

```
acctaattna ttgaagtaat aaccaaataa ttttcaatct tgattcaact gtgattcaaa 60
tcttacacca tttgccact tctatgaatt ttatgtataa aattttttta gagtcagagt 120
tttttttctt gattaattgg atgtatttca cagaatttcc aactgctcac gttagttttc 180
ttccttttag agttgatctc tctaattgtat tagatcttca tgcctttgat agtctctctg 240
gaataagttt gcagaaaaaa ctccagcatg tgccaggaac acaacctcac cttgatcaga 300
gtattgttac aatcacattt gacgtaccag gaaatgcaaa ggaagaacat cttaatatgg 360
ttattcagaa tcttctgtgg gaaaagaatg tgagaaacaa ggacaatcac tgcattggagg 420
tcataaggct gaagggattg gtgtcaatca acgacaaatc acaacgagtg attgtncagg 480
ggggtccatg agctctggtg atccggggagg agactccaat gagctg 526
```

<210> 1703

<211> 116

<212> DNA

<213> Homo sapiens

<400> 1703

```
gacctccgaa ctgagctcta atttagctga tcagattttg cttgggtaaa gttccttttt 60
aatgttctaa agtgtttacg gttctcaaat atcagttaaa aactaatttt aggtgg 116
```

<210> 1704

<211> 241

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(241)

<223> n = A,T,C or G

<400> 1704

```
aaaaattgtg taattgttaa atgtccagtt ttgctctgtt ttgcctgaag ttttagtatt 60
tgttttctag gtggacctct gaaaaccaa ccagtaacctg gggagggttag atgtgtgttt 120
caggcttgga gtgtatgagt ggttttgctt gtattttcct ccagagattt tgaactttaa 180
```

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taattgcgtg tgtgtttttt ttttttttna aggggctttg ttttttttn tcaanaaaaa 240
t 241

<210> 1705
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1705
ggtcctgtnt anacacacat caatatgaaa caaaaaaat ttatataaat aagtcaatta 60
aacttcacaa aaactaaaga aacacaagac aaaaatccaa caagcaataa aaactgtaca 120
atattgggtca gtcttttata tctgaaaaat gtgtaactta aaaaaaagtt atttatcgta 180
taaaaaaagt cttttacatc tgtgttagct ggagtgaaaa cttgaagact cagactcagt 240
ggaaacagat gaatgtccac ctgctttcc tttggagagg atcttgaggc tggaccctct 300
gctcacagag gtgagtgcgt gctgggcaga ggtttt 336

<210> 1706
<211> 107
<212> DNA
<213> Homo sapiens

<400> 1706
agggtggctc tgggagcagt tgtgctgcgg gcttgctggg ggagaactct aactgttgca 60
gaaacagagc ttcattggctt gcttaaatta cttagctgga atatttt 107

<210> 1707
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 1707
tttttgtct ggtaattata tattttattat ttagcaaaac tgaagaaaaa aagcacagaa 60
ttgtttcaac agatgtctct cattttcagc tagcatttct ctccaagtt gagctggttt 120
aatgtgtttt ggatttccct cctcaattgg cttatttttt agatcacctg caattcattt 180
gcaaattgca ataaaacaca ttttagaaaa aaggaacctt caattattag ctttgtttct 240
ttttaaatgt atatatattg actaatgttt gtgaatgaag ttggctaaca tgtatttagt 300
ttcatttttg cggtagttaa tataaagttt ttaaaatttt aaatatggtt ttaaccttta 360
tgtgtaaatg attttctagt gtgaccttct aatttaatat tagacgtcta aggtatatct 420
gtaaattaga atccgactat cactctgttc atttttttg aacaaagnn ttaaagaaag 480
cctgaaccag ggaaaaaaa aaaaaaaa aa 512

<210> 1708
<211> 203
<212> DNA

T0E050" 92964860

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(203)

<223> n = A,T,C or G

<400> 1708

```
aatcttctaa aggaagaaca gaccccnag aataanatta cagttgttgg ggttggtgct 60
gttggcatgg cctgtgccat cagtatctta atgaagacta taatgtaact gcaaactcca 120
agctggtcat tatcacggtc ggggcacgtc agcaagaggg agaaagccgt ctttaatttg 180
tccagcgtaa cgtgaacatc ttt                                     203
```

<210> 1709

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 1709

```
ngttgaaaaa atagatccaa tcagtttata ccctagtttag tgttttgcct cacctaatag 60
gctgggagac tgaagactca gcccgggtgg ggctgcagaa aaatgattgg cccagatccc 120
cttgtttgtc ctttctacag gcatgaggaa tctgggaggc cctgagacag ggattgtgct 180
tcattccaat ctattgcttc accatggcct tatgaggcag gtgagagatg tttgaatttt 240
tctcttcctt ttagtattct tagttcttca g                                     271
```

<210> 1710

<211> 239

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(239)

<223> n = A,T,C or G

<400> 1710

```
tacaaaaatat ttaattgta agtggtcaga ggaattcttc tggtttctcc cttatggnta 60
tttttaattt gtacaatagt tgcttctgtc aactcagcga caatgccatc atagctttca 120
aatgagatca ccctgtagat cgatggacta tgccttaaag ttgcagatgc ataaaggaga 180
ctgaggacaa atggtgaaaa ctgtagttac tgaacccaaa tgttactcag agatatcaa 239
```

<210> 1711

<211> 122

<212> DNA

<213> Homo sapiens

<400> 1711

```
agtgtaatgt aacacagaag agtgacatgt ttacaaacct caagccagcc ttgctcctgg 60
ctggggcctg ttgaagatgc ttgtatttta cttttccatt gtaattgcc a tcgcatcac 120
```

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ag

122

<210> 1712
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 1712
 ttcccataaa taaaagtaca gttttcttgg tggcagaatg aaaatcagca acttctagca 60
 tatagactat ataatcagat tgacagtata tagaatatat tatcagacaa gatgaggagg 120
 tataaaagtt actattgctc ataatgactt acaggctaaa attagtttt 169

<210> 1713
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 1713
 tgacagagag gatggcgctg tcgaccatag tctcccagag gaagcagata aagcgggaagg 60
 ctccccgtgg ctttctaaag cgagtcttca agcgaaagaa gcctcaactt cgtctggaga 120
 aaagtgggtga cttattgggtc catctgaact gtttactgtt tgttcatcga ttagcagaag 180
 agtccaggac aaacgcttgt gcgagtaaat gtagagtcac taacaaggag catgtactgg 240
 ccgcagcaaa ggtaattcta aagaagagca gaggttagaa gtcaaagaac atattcttga 300
 aagttatgat gcattctttt ggggtggaac agatcataaa gacatttttt acacatcagt 360
 taatatggga ttattaaata ttggctataa aa 392

<210> 1714
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 1714
 tgggagggat attttccac aggaacaagg gtctccgtga tgacacgggg tctctatagt 60
 catgttgaga gcctaattggc ccttggcata attgctgggt ttggggtaga aggtgtcttg 120
 gagtttgctc aagtgggtga gagggagga ggtgccatag acttgagga actggcacga 180
 agccaaggat acaaattccag gcagggtgt ggggcaggat agggagcagg gccttctact 240
 gaaggagtga ctcaggaagg aggaggggaa ggtgacaagc ccctgggcag gagccctgtg 300
 g 301

<210> 1715
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 1715
 taaattcagg ctaacttctg aaaatcccg tttattcacc tcaactgtgg accagtaact 60
 atactgagtc aggttacttt acagttaact atgtcaccta aaacacaata atccattaac 120
 actctaataa cagttattgg gtgtggtcat actggaaatt cttaaccata tagttgtctt 180
 gccaatTTTT tttt 194

<210> 1716
 <211> 185
 <212> DNA
 <213> Homo sapiens

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<400> 1716

gtaggaatgg gttcttggtg cacaagatag tattgttgag ctagttttcg agctctgtgc 60
 acaagcactc tttaattccc acggacgggg ctcctccagc tacagcagcc aaagcatatt 120
 caatctggac aagtttacca gacgggctga atgtagtcag cgaaaaactg taccgcgcgt 180
 ccgcc 185

<210> 1717

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 1717

aanaggctct tgggtggagag gactgtgaag ccgtcggcag gtgtgccctc ggttgtgccg 60
 tcggcgctgg ctgccttact gacttcaccc tgcttcttct tggatttcog ggcccccttc 120
 ttgcctcctg cttttttaga tgcaggcttc ttctgggatg gagacttggc ctttttggct 180
 ggggggtggtg tgatgatggc ttccaacttt cctttggatc cccgcttctt cgctagcaac 240
 tcgggggtgga tgttgggtaa cacaccccca ctggctatgg tgactccttt tagcag 296

<210> 1718

<211> 343

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(343)

<223> n = A,T,C or G

<400> 1718

atggcattaa ttgttccttg cttttatagg gtgtattttg tacatttttg atttctttat 60
 ataaggtcat agattcttga gctgttgtgg tttttagtgc acttaatat agcttgctta 120
 aggcatactt ttaatcaagt agaacaaaaa ctattatcac caggatttat acatacagag 180
 attgtagtat ttagtatatg aaatatntg aatacacatc tctgtcagtg tgaaaattca 240
 gcggcagtg gtccatcata ttaaaaaat acaagctaca gttgtccaga tcaactgaatt 300
 ggaacttttc tcctgcatgt gnatatatgt caaattgtca ngc 343

<210> 1719

<211> 193

<212> DNA

<213> Homo sapiens

<400> 1719

tcgaggaccc ccgagatgca gaggatgcta tttatggaag aaatggttat gattatggcc 60
 agtgtcggct tcgtgtggag ttccccagga cttatggagg tcgggggtggg tggccccgtg 120
 gtgggaggaa tgggcctcct acaagaagat ctgatttccg agttcttgtt tcaggacttc 180
 ctccgtcagg cag 193

<210> 1720

J03050"9296h360

<211> 176
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 1720
 tgattcagaa ttttttttaa tgaaaggatn attgcactaa ctttcttcct gctgctctga 60
 ttctgcattt gtggtacttg tgactacgtt ntttcaaata tagatagatt taagctgcta 120
 attttttttt ttttagtaac cactnctata tcatgtcttt tactctgntn ataata 176

<210> 1721
 <211> 128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 1721
 tattcttang aaacttccct aatcccttgg aaattcccgg gtccttcaag aataaaaaaa 60
 aaagggtcaa gaagaacaaa ttaccaaaagg gaaagaatgg ctttcaatat aataaggtcc 120
 atttttta 128

<210> 1722
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 1722
 ttatgaagtt gacaaataaa taaaaggtag tggntatgtc tgagcttatt gtgtttgagc 60
 taacaccagg ttactcagta accatgacct gtcctccat ttccatttat tctcaacatt 120
 aaatagtttt atcttggtgn tgccagaaat gcacttgtgc caggatttgn ccctgctgta 180
 tgaaaagctt cttggcaatg aattctgtaa taagtgcctt acattatggn tttctggtgg 240
 aattggttta acagnacaa cccaggattt ccaatatatt tttgt 285

<210> 1723
 <211> 536
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(536)

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<223> n = A,T,C or G

<400> 1723

```
cttggttgc aggtggcacc ttctcactat gtntcacat ggcttttct ctgtggagag 60
ggacannnag catgagcagg ctctggtgtc tcctcttctt ataaagacac taatatcacc 120
atattagggc ttaaaccctat gacctcattt aaccttaacc ccttaaaggc cccatctcca 180
aaaacagtca catagcaggc tactgcttca acatatgcat ttgggggagg ggacaccatt 240
cagttcttaa caggggtggc accgcaaaca tggaaagtca gagccttctc cccttcagaa 300
ttcccgcccc caccagggga tggggaagag gagcagagag gtatgggaag cagacacgga 360
gagtggcagg taccatgctg ggggtgggtc aggagtgtt tcgganggac atatggaact 420
ggcaggggtc aatgcangga gggcggaagn ccttgggaag ancccggtggc ctgagaaagg 480
ggctgggcta caaccctngg caagttactt taccnntgac cttcgatgct tttggg 536
```

<210> 1724

<211> 145

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 1724

```
ctgncctttt gnaacaggac cctcacncta tncaatgggg ggttnanntg aagcatganc 60
ntatncatgc ggaaaaccca actcatgtga gcncaaancg gancgaccca gacaaccatg 120
natgcggcta atatggggag agaaa 145
```

<210> 1725

<211> 173

<212> DNA

<213> Homo sapiens

<400> 1725

```
caattctgga attaccact tgtttaattt tgagcaacat gatctagcat taatgtagtc 60
acattctaaa tcagacaatg taattatgaa gtagaccgag aggaagatga gcgcgcaaca 120
atcgaggaga gagaagacga acaccaccgc ctccatctc ctctccgctc gcc 173
```

<210> 1726

<211> 302

<212> DNA

<213> Homo sapiens

<400> 1726

```
accggttggg aatggggccat ggtctaattt ggtgttgaaa taaactaacc tctttggctg 60
tttctcccaa actgccacca gccaggcaag gccaatccaa tactgactgc tggctggggg 120
agctcgtaat ggggtgatgc gccctgcttt ttgcatatgt caggctaaca ggtgctttat 180
ttccagagaa ttgttaatgc ccttttttga aaagagcagc agaaattccg gacaagaatc 240
tgaaaaaatag gtgtcaaaaa ctatttccca gaaggtagct gtacaggagt ttgagtctcc 300
ag 302
```

<210> 1727

<211> 274

<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 1727

```
ttnngttgaa aaaatagatc caatcagttt ataccctagt tagtgttttg cctcacctaa 60
taggctggga gactgaagac tcagcccggg tggggctgca gaaaaatgat tggccccagt 120
ccccttgttt gtcccttcta caggcatgag gaatctggga ggccctgaga cagggattgt 180
gcttcattcc aatctattgc ttcacatgg ccttatgagg caggtgagag atgtttgaat 240
ttttctcttc ctttttagtat tcttagttct tcag 274
```

<210> 1728

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1728

```
aatcccttt ctgcttccac tggaggcaaa actgaacaaa atgttagtta aatagagaga 60
gcagcatttc taagaaatct gtggtcagca ttatagacca tctatgctac aaggatgtca 120
ttaaatagga tttgttcaat tactggattc ttcttctatg atcagttata gaatttctgg 180
tttatatctc tgattcataa aactgggact ccactttttg aagatacatc tgattgattt 240
ttttcagtca tgatttaaca gacttctttg agatgctcat tttaacattt acataattta 300
taatcccaa tgtataaaa acaatgaaaa aagcatcata aataaataat gcaaaatgaa 360
atagttatgt cagacttttg gaccttctga taaattagca aaactgtaac agaaa 415
```

<210> 1729

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(309)

<223> n = A,T,C or G

<400> 1729

```
acanaccgta tacttttatgc aaacaaagtg atgcctcact gacttaggag acaagtcaca 60
tgccatcagt gtgtcagaaa atttctttct tcagtgatag ttaaggtaac ctgcgccagt 120
actttccaga gacagctcca gggcaatact ggggaaaaaa aaatcagaga cataggaccc 180
caatagagcc ctgtgcaaca aaaagatgct agataacaaa actcaaagca aaactaagat 240
cattccaatt taggggaaag tttttttatt cagtgtttta gattaaaaac tacaagattt 300
tgcttgacag 309
```

<210> 1730

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(285)

09349626-050301

<223> n = A,T,C or G

<400> 1730

```

anctgtactg tatttatgtt gctattggtc aaaagagatc cactgttgcc cagttgggtga 60
agagacttac agatgcagat gccatgaagt acaccattgt ggtgtcggct acggcctcgg 120
atgctgcccc acttcagtac ctggctcctt actctggctg ctccatggga gagtatttta 180
gagacaatgg caaacatgct ttgatcatct atgacgactt atccaaacag gctgttgctt 240
accgtcagat gtctctgttg ctccgccgac cccctggctg tgagg 285

```

<210> 1731

<211> 244

<212> DNA

<213> Homo sapiens

<400> 1731

```

cattaccttg ctaaaatttc cactaagcta cagcttcaga tatttacaag aaaaataaat 60
atcttttaac agacttcaat gtggtttaac agcaagctag ctgaggagtt gtattttgtt 120
gttatttcag gtaacttttt attaagaaac agttaatatt tcagcgatta caatttcagg 180
tgttcaaaac tcaagaaggg tcatcattat actctgaagc agaattcttc aggtactcat 240
cttt 244

```

<210> 1732

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 1732

```

ctgggaagnc agttcgttct ctctctctct ctcttcttgt ttgaacatgg tgcggactaa 60
agcanacagt gttccaggca cttacagaaa agtgggtggct gtcgagccc ccagaaagggt 120
gcttggttct tccacctctg ccactaattc gacatcagtt tcatcggagg aaagctgaaa 180
ataaatatgc angagggaac cccgttttgc tncgcccac tccaagtgg caaaaaggaa 240
ttggagaatt ctttatgttg tcccctaaag at 272

```

<210> 1733

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 1733

```

anttgggaaga gcatatgaac acgggccagc tagcaggatt ttcacatcaa attagaagtc 60
tgattttgaa taatatcatc aataagaagg agtttgggat tttggcaaag accaaatact 120
ttcaaagtgt gaagatgcat gcgatgaata ccaacaatat cactgagcta gtgaactatt 180
tggcaaata gaatgaagtt gatgaagctt cagtcttgat aactgaatat tcaaagcact 240
gcgggaaacc tgtgcctcca gacactgctc cctgtgaaat tctgaagatg tttcttagtg 300

```

09849626-050301

gattatcgta aatcactgaa cctttttttc aagaaggaca agaatttttg agtctgctat 360
 taatgggacc atatttatta cagttttt 388

<210> 1734
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1734
 tttggaatgt aaaattaatg gtatctggta tcaagttgta agaaaaactc cccagattg 60
 ggaggtaact gagtgatag tgaaagaatc ttcccgtctg aatttaagaa tacacctaca 120
 ctgggcagaa aaagggtggg gagaggaagt agaagtagag gaaaagcaca actccactgg 180
 cttcaatcaa actgaggtaa ctaattagag acggaaaata aataaatcaa caaatgcccc 240
 atttttgttt tccaaaaaag atcactggca actaacaatt tt 282

<210> 1735
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 1735
 ntaagccagc cttcctcaag aatgccagac agtggacaga gaagcatgca agacagaaac 60
 aaaaggctga tgaggaagag atgcttgata atctaccaga ggctggtgac tccagagtac 120
 acaactcaac acagaaaagg aaggccagtc agctagtagg catagaaaag aaatttcac 180
 ctgatgttta ggggacttgt cctggttcat cttagttaat gtgttctttg ccaaggtgat 240
 ctaagttgcc taccttgaat tttttttt 268

<210> 1736
 <211> 478
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(478)
 <223> n = A,T,C or G

<400> 1736
 tnatagactt ttccaatggc ccccttataa caccagaaag gattgtaatc ttgggcgtat 60
 tttgtgctgg catctttggc agttgtgaag atcttgtaac agagcgtggc gttgctgtac 120
 gtgtcaggaa cacagtgcgg tggctgtaca gtgacgggga acaccccagg gctggccgtg 180
 agggatcatg aggtgtgaa taccacctgc tcacagtgc cgtggagggc gcagtcac 240
 gagtccacg ctgtaggcag ggtgaagggt atgtttatct cctcgtgggc ttccctgcct 300
 gaaagtccaa tctgatgcc taagatggtt gactacagat ggtgacgtt gcgggaatac 360
 cctccgaagg gtttcagtgg gtccagggtt aggtgattg agactgagat attcaccggg 420
 cccgagtcct ccagggcctg gggggactgg gtggaagctc gggcctgccc gctggtca 478

<210> 1737
 <211> 489

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 1737
ctttnaggat ggcgagtagc agcggctcca aggctgaatt cattgtcggg gggaaatata 60
aactggtacg gaagatcggg tctgggtcct tcggggacat ctatttggcg atcaacatca 120
ccaacggcga ggaagtggca gtgaagctag aatctcagaa ggccaggcat cccagattgc 180
tgtacgagag caagctctat aagattcttc aagggtgggt tggcatcccc cacatacggg 240
ggtatggtca ggaaaaagac tacaatgtac tagtcatgga tcttctggga cctagcctcg 300
aagacctctt caatttctgt tcaagaaggt tcacaatgaa aactgtactt atgttagctg 360
accagatgat cagtagaatt gaatatgtgc atacaaagaa ttttatacac agagacatta 420
aaccagataa cttcctaata ggtattgggc gtcactgtaa taagttattc cttattgatt 480
ttggtttgg 489

<210> 1738
<211> 262
<212> DNA
<213> Homo sapiens

<400> 1738
gttacagatg acatgtatgc agaacagacg gaaaatccag agaatccatt gagatgtccc 60
atcaagctct atgattttcta cctcttcaaa tgccccaga gtgtgaaagg ccggaatgac 120
acctttttacc tgacacctga gccagtgggt gcccccaca gcccaatctg gtactcagtc 180
cagcctatca gcagagagca gatgggacaa atgctgacac ggatcctggt gataagagaa 240
attcaggagg ccacgcagtg gg 262

<210> 1739
<211> 422
<212> DNA
<213> Homo sapiens

<400> 1739
ccaccatcct tttgagacag ttccctatcaa caatcttgaa ccataactaat acattacttg 60
ttcctgaagt ccttttggtg tagctcataa taaaataagc aatacaaatg aattatctgt 120
atttaagggg aaagaaacat ttacaagaaa acacaaaaat ataactgtta taattcatta 180
tgaataaata tacactttga actggctaag tacaatcttt atacattggt taagatttaa 240
tacagtttat tagccatttt cttttttcac acaatgtata tcaaaattaa aaaaaatac 300
tgattttatg aaaaatggca aagtacagta gttccattcc aatttgaagg gccatgaaaa 360
gccactgcaa gaccttttag cctaattcaa acctgtaaac atgttcagtc ttttttacct 420
gc 422

<210> 1740
<211> 92
<212> DNA
<213> Homo sapiens

<400> 1740
gctaaatacc tatctaattg gctatgttta tcaaatcgtg tactaaaatg gaaagctagt 60
tttgagaaat tattcagaag ccttgattatt tt 92

094956-0501

<212> DNA
<213> Homo sapiens

<400> 1745

```
ctgccagtag acccccggtc accctgaggc tgggtgggtccc tgctagtcag tgtgggtctc 60
tcattggaaa aggtggatgc aagatcaagg aaatacgaga gagtacaggg gctcagggtcc 120
aggtggcagg ggatatgcta cccaactcaa ctgagcgggc catcactatt gctggcattc 180
cacaatccat cattgagtgt gtcaaacaga tctgcgtggt catgttggag tcccccccgga 240
agggcgcgac catcccgtac cggcccaagc cgtccagctc tccggtcatc tttgcagggtg 300
gtcag 305
```

<210> 1746

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1746

```
aaaataagtg aataagcgat atttattatc tgcaagggttt ttttgtgtgt gtttttgttt 60
ttattttcaa tatgcaagtt aggtttaatt tttttatcta atgatcatca tgaaatgaat 120
aagagggctt aagaatttgt ccatttgcat tcggaaaaga atgaccagca aaagggtttac 180
taatacctct ccctttgggg atttaatgtc tgggtgctgcc gcttgagttt caagaattaa 240
agctgcaaga ggactccagg agcaaaaagaa acacaatata gaggggttga gttgttagca 300
atttcattca aaatgccaa 319
```

<210> 1747

<211> 177

<212> DNA

<213> Homo sapiens

<400> 1747

```
aaatcctttt ccataaata aaagtacagt tttcttggtg gcagaatgaa aatcagcaac 60
ttctagcata tagactatat aatcagattg acagcatata gaatatatta tcagacaaga 120
tgaggaggta caaaagttac tattgctcat aatgacttac aggctaaaat tagtttt 177
```

<210> 1748

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(237)

<223> n = A,T,C or G

<400> 1748

```
ctgaaggant gnaantagac tggtnagag aggaaggcac tgagccacat gaaggatatgt 60
acgtagggtt tgttcagtgg aaatagactg gtagagagag gaaggcactg aaccacatga 120
aggtatgtgt gtagggtttt ttcaagtggaa atagactggt agagagagga angcattgaa 180
tcacatgaag gtacgtgtgt aggttttgtt cactgacttc ttcantgtct cagccag 237
```

<210> 1749

<211> 244

<212> DNA

<213> Homo sapiens

084956.0501

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 1749
 aaaaggcccc attatctgac aaaatagatg gtgaacatgc actatcccag gatatctatt 60
 attatccaaa gaagtgtttc tcaaagngtg gtccatggta ctgggtccatg aattgggttg 120
 taccagtcaa tgaagagata aattacttgc atcagagtgt aaatcaatac attgcttttag 180
 ctattaataa aattttgcta aaaaatcaaa tctgtgcatt gacctaaaaa gtatctctag 240
 attt 244

<210> 1750
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1750
 aggccagcct ccaccacgca cggcgaaagg agtgaactag ctggggacaca cacacgtgtg 60
 aatgcatgca agcattcact gcattctctc cgtggactcc ctaccgctct tccatagccc 120
 cccctttcag cctcactgtt tctcgtgtga gcctatctgc ttgggcagtc cactcggggag 180
 ggggtcatgg agccaggact cctctaaat aggaatggaa aggaccctgc agatattttt 240
 atcctanttg tgaaaacaag gtgcctctga ttctctatat ccatcacag 289

<210> 1751
 <211> 594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 1751
 ctggttatta atcacaagtc ctggaaatgg tctaattgacc gtgaatttga taaactcggc 60
 agagtctaag atcctttctca tggagctgat ttccaggtag ctgggggctt tgaaggacac 120
 ccccgggggc atgocatcaa ccaccacaca gccagggtta attgtgattt tctgttaggg 180
 aactttcaca ggaaaaccca taccaatagc ttcaccaaatt tccgactaa agaggtcatt 240
 cacttgttct cttagctgtc tagctttttc aactttcgag agtctttcat tatcatcatc 300
 tggaattgtc acctgaatga tgtaaggtc ttcaacacct gatgcagtag tattaacatt 360
 gggtgatgaa tttatttttc tgggagggtc cttagaggag gtgctctcct taatcgccgt 420
 ctcaaacatt tcgggctttt taatgatgaa cttaattttg gctttgtttc tgagtatctt 480
 ctccagcctc ggaatgccaa aagtcgatgg tcttcggaat ggcacaccct caggtaagcc 540
 ttccacataa aagtcttncg ggaaagactc aaataacgag aacggcacct tcac 594

<210> 1752
 <211> 311

09849626-050701

<212> DNA
<213> Homo sapiens

<400> 1752

```
ctgaaggttt catggctccc aaggcttggg ccgtgctgac agaatactac aaatccttgg 60
agaaagctta ggctgttaac ccagtcactc cacctttgac acattactag taacaagagg 120
ggaccacata gtctctgttg gcatttcttt gtggtgtctg tctggacatg cttcctaaaa 180
acagaccatt ttccttaact tgcatacagt ttggtctgcc ttatgagttc tgttttgaac 240
aagtgttaaca cactgatggg tttaatgtat .ctttccact tattatagtt atattcctac 300
aatacaattt t                                     311
```

<210> 1753

<211> 587

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 1753

```
ctgtccatta tacaccgtca cgttgatccc tgcctccagc aactcgtcca caatgctaata 60
gactggcttc atgaagtcct cctccatggt cacaagagcg ttggtagcct ggccctccca 120
ggattgatcc tcaggaataa ttttgagctt ctttctgatg gggccattca tgagctggct 180
taaggcatct cgttgtaggt gtctcacgtg gcgctgacaa agacaaacta ggtggctctg 240
tgtgaattct agactcgact ccattgtaga cgtgggagtg cttttagtta agatgttata 300
gaagttcacc ccatctgtgt tctgttcaat gatcatttct gctttccccc acagctctgt 360
ggcctctctg tagagcccct tatttaaggc attcagtact tgctctgcaa ccttagacac 420
ctctgccaga cctttgtctt cgagaagaga catgctgtac aggtaaggct cccaggagag 480
caccgaatca acaggggaga tccaggaatc acccaaggca acccccgcaa agttgcactt 540
gatggtcctt cnctgaatgg ncttataaag ctctagacca atgccag                                     587
```

<210> 1754

<211> 564

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 1754

```
cctctctcct tggtttgcag gtggcacctt ctactatgt cctcacatgg ccttttctct 60
gtggagaggg acagagagca tgagcaggct ctggtgtctc ctcttcttat aaagacacta 120
atatcaccat attagggctt aaacctatga cctcatttaa ccttaacccc ttaaagggtcc 180
catctccaaa aacagtcaca tagcaggcta ctgcttcaac atatgcattt gggggagggg 240
acaccattca gttcttaaca gggtggtcac cgcaaactg gaaagtcaga gccttctccc 300
cttcagaatt cccgccccca cccagggatg gggaagagga gcagagaggt atgggaagca 360
gacacggaga gtggcaggta ccatgctggg gtggctcagg agtgcttcng aggacatatg 420
gaactggcag ggctcagtg caggaggcgg aggcctggg agagccgtgt cctgagaagg 480
gcctgggcta caacctggg caagttactt cacctctgag cctccgatgc tctgtgaaat 540
ggaaggaatg tgcttgctg tcag                                     564
```

090966-050301

<210> 1755
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 1755
 aaatgtgatg ttttgagcat caaaaagcta ctatctaaaa ggattagtct cccagtgttc 60
 ttggtaaatg gggaagggtta ggaaggaggc aatgatccaa tgaatataga agaactggcc 120
 gattcacagg aaacttgctt tggataaggt gagtcaatgg gtgatattgt gcaggcaggg 180
 agggaaattt ctttgtacaa attcatgtcc ctgg 214

<210> 1756
 <211> 225
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 1756
 aaaattanna catacatggt caggcagctt ctgtccatan ntaaaactatt ccttttcagt 60
 ctgagtaata tgcggnnttg tcttaatnnc ncacattaan aatttattta gattgggtgaa 120
 actatcttta taacaaaaaa atncgaacat gaatgcaaac ttaccaaaca gagcccacta 180
 nattgatnaa gttaatncca nnatagtttg ccatganctg ggtgg 225

<210> 1757
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1757
 ttgcagcctg cgatgacaca gcgaatctat gacaagttta tagctcagtt gcagacatct 60
 atccgggagg aaatctctga catcaaagag gaggggaacc tagaagctgt cttgaatgcc 120
 ttggataaaa ttgtggaaga aggcgaagtc cgcaaagagc cagcctggcg cccagcgagg 180
 atcccagaga aggatctgca cagtgttatg gcaccctact tcctgcagca acgggacacc 240
 ctgcggcgcc atgtgcagaa acaggaggcc gagaaccagc ag 282

<210> 1758
 <211> 473
 <212> DNA
 <213> Homo sapiens

<400> 1758
 ctgaaacagc ttttcaagct ctctctcctc gtcaaggatc atgagaggca ctccactcaa 60
 ggggagggtgc gcaatctggt gctcttcagg caggtcaaaa ctctcaaagt ctagaggatt 120
 gaaggggaaag aatttttcta tttctggata ggcacatct gaggcaggaa cagagctttt 180
 tgctttaaca gtcttctcag tcatcttttt ggcagaaaag cttggctggt tttgtttgag 240
 ggggtccottg gtctttacag acttttctgt agctctgttg acagttccca aagcctttct 300
 agtagcttta ggtaaggctg gtggggcatc gaacgttttg ccaaaacgtg gtgttgaaac 360
 ttgagatctc ccatctaagg ctttgattga aggtccagac cccagcttca gcccatcctt 420
 agcaaccaca cgggtgcctg gttctccatt ttccttatcg acatagatca gag 473

09849226-050301

<210> 1759
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 1759
 aaacttcgcc atgatcgtgt cttctgcact catgatatgg aaaggcttga tctgtgctcac 60
 aggcagttag agcccatcgc tgggtggtgct gagtggcagt atggagccgg cctttcacag 120
 aggagacctc ctgttcctca caaatttccg ggaagaccca atcagagctg gtgaaatagt 180
 tgtttttt 187

<210> 1760
 <211> 564
 <212> DNA
 <213> Homo sapiens

<400> 1760
 cctctctcct tggcttgcag gtggcacctt ctactatgt cctcacacgg ccttttctct 60
 gtggagaggg acagagagca tgagcaggct ctggtgtctc ctcttcttat aaagacacta 120
 atatcaccat attagggctt aaacctatga cctcatttaa ccttaacccc ttaaagggtcc 180
 catctccaaa aacagtcaca tagcaggcta ctgcttcaac atatgcattt gggggagggg 240
 acaccattca gttcttaaca ggggtgtcac cgcaaacatg gaaagtcaga gccttctccc 300
 cttcagaatt cccgccccca cccagggatg ggggaagagga gcagagaggt atgggaagca 360
 gacacggaga gtggcaggtg ccatgctggg gtggctcagg agtgcttcgg aggacatatg 420
 gaactggcag ggctcagtgc agggaggcgg aggccctggg agagccgtgt cctgagaagg 480
 gcctgggcta caaccctggg caagttaact cacctctgag cctccgatgc tctgtgaaat 540
 ggaaggaatg tgcttgacctg tcag 564

<210> 1761
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 1761
 ctgtcttctc atctatctta gcataggagt cctctgctgc cttttcaata ccgtcgtggt 60
 atttctccaa agcagttttc aagtttagaa atatttctcg ggacttcagt ttctcccttt 120
 cagcagcatc ttttagttgt tgaattccaa gtttaatttt ttggatttct tgattaattg 180
 tggttactcg ttcatagaca gcacctcttt tttcttgaac tttattgcaa tcctcaatta 240
 ctgtgcgttt gtattgctta acatcttcat gcttcttatt tattttgaat tgtgctgtgg 300
 caagtttttc cttcttcaca atcatcagtc ttttgaacga attttcttca gtcttcaatt 360
 tcttcagttc tgactcatca ctctcaattt ggtcctccaa gttcaggctt ctg 413

<210> 1762
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 1762
 ggaaaagaaa gagctgaaaa tgcagaaaagc cgaagagtta gaacttttgg atacaggaga 60
 agaaacagcg gctccactac agaccagacc ccagggttcaa tgtcctccga agaataaggt 120
 ctttccctgg tgatgggtccc ctgccctgtc tttccagcat ccaactctccc ttgtcctcct 180
 gggggcatat ctgagtcagg cagcggcttc ctgatgatgg tctgtggggg ggttgtcatg 240
 tgatgggtcc cctccaggtt actaaagggt gcatgtcccc tgcttgaaca ctgaagggca 300

0949364860
 10E050 03E050

ggtggtgggc catgg

315

<210> 1763

<211> 114

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 1763

cgaccgccta agagtngcgc tgtaagaagc aacaacctct cctcttcgtc tccgccatca 60
gctcggcagt cgcgaagcag caaccatgcy tgagtgcac tccatccacg ttgg 114

<210> 1764

<211> 114

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 1764

ctaatacgac tcaactatacg gctcnagcgg centccngc cgggggctgc tcnngttaga 60
tngacatgaa naccctacag ntnccactgt ggnaattgaa antatccctc atgt 114

<210> 1765

<211> 485

<212> DNA

<213> Homo sapiens

<400> 1765

aaacagtaac aaaacagaaa gcaagaatca ctgaacactg ggtgcagtca gttctaagtc 60
cttataataa ttgccaaaat tatttgaatg attcttcaag attaggctga tccctggcta 120
aggtctgtgt aaggcagaca agcgttattg atcatatcaa gttccctaca atatcctgtc 180
ctcaaaaccg gaagcaatga acatgatcct cttcggttgg ataaatgaac ttctgtttg 240
gcctgcttct aggcctgcc agattctcat aacatcatat acgtaagtat agttcctcaa 300
agtgactgac atttatttta attttgcttt gttttttttt attttctccc ccattccttt 360
attttgtgtt attcctgact cacttgacac tctctgatgc ctgagagatt cctggttggg 420
atttaatatc cagggctgtg tttacagtaa aaaaagcagg cagtcccttt tagtttttcc 480
ttttt 485

<210> 1766

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1766

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aaggaaagat aaaatattca gaagaaagtc aaagtattct gcaattacat gttagaacag 120

050301 92954350

attttgcagg ttaaaaagat gttgcttaaa tatattcata aacctgttgt aagattttca 180
 cttatgcagt ttcagaaaat ttagctgctt aacatatgac agaactgtat ttttaacaaat 240
 gacattaaaa gtcaggagag ctactcagtt aattgataaa gtagaggcaa cgtgggggag 300
 ccctccccac gtttattgaa gatttgtggc tccccagcc ccgtttgcct gcatcaggct 360
 aacaacctca ttcctcccat agagcctgg 389

<210> 1767

<211> 176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 1767

tttttcaacg attaanaatn ntcattacat aactnggtga aactgaaaaa gtatatcata 60
 tgggtacaca aggctatttg ccagcgtata ttaatatatt agaaaatatt ccttttgtna 120
 tactnaatat cancatagag cnagaatcat attatcatac ttatnatant gttcan 176

<210> 1768

<211> 384

<212> DNA

<213> Homo sapiens

<400> 1768

aaaagaaatc atggtacttc ttagagcaat ttgcaaaagg ggaaaaaagt cttaggctca 60
 ctccttggaa ataaatatca agtaaccata aaaatatcca gccatttttc agttattcgg 120
 ggagttcagg catggtccca cgcagagcat cagagttcct ctttgaaata acccagcttt 180
 gccaatgaca tctcttttct caactgcata acctcccaa acatctgac aacatcctgc 240
 tgtttcacaa gtccctgctg aatgtatcga atgtatgtaa aaaagttaca tacagaagtg 300
 atcctgtatc tgcaaaaagg agaaatacaa taatagttgc ttgagtcgcc taatttaatt 360
 ctgtgtttac aggacttact ctgg 384

<210> 1769

<211> 111

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 1769

aaatataaaa aattaaaagt taaaactcta gcccttcagt gaaggagacg taaaatggcg 60
 tgggtaacaa caactaccaa aaaaaaaaaa naaaaaaaaa aaaaaaaaaa a 111

<210> 1770

<211> 225

<212> DNA

<213> Homo sapiens

05849626-050301

<400> 1770

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ctggctgaag gggccgtgga gctcccgcga gccacgatt agctgggcct tcttcgggcc 60
aatgcgctga agactgcgga gatctcgggc tgagccttcg ttcagcagat ccagtatttt 120
ttggcgccca tgagccagta gctccgggct gatctgtagc tcccagcagt cctcagcctt 180
ctcctcaggc tctagggcat ccagggactc cagctttctc ttccg 225
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<210> 1771

<211> 223

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(223)

<223> n = A,T,C or G

<400> 1771

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ggccaagtaa aagctttatt tttttaaatg aaaactacna aaggcgggggt gggttgtggc 60
gggggcaagt tgtggccctg taggaccttc ggtgactgat gatctaagtt tccggaggtt 120
tctcagagcc tctctggttc tttcaatcgg ggatgtctga gggaccttcc gcggcatcta 180
tgcgggcatg gttactgcct ctggtgcccc ccgcagccgc gcg 223
```

<210> 1772

<211> 419

<212> DNA

<213> Homo sapiens

<400> 1772

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ccaagtctac aatgtcccaa tatcaaggac aaccacccta gcttcttagt gaagacaatg 60
tacagttatc cattagatca agactacacg gtctatgagc aataatgtga tttctggaca 120
ttgcccattg ataatcctca ctgatgattt caagctaaag caaaccacct tatacagaga 180
tctagaatct ctttatgttc tccagaggaa ggtggaagaa accatgggca ggagtaggaa 240
ttgagtgata aacaattggg ctaatgaaga aaacttctct tattgttcag ttcattccaga 300
ttataacttc aatgggacac tttagaccat tagacaattg aacttgatt aaacaaattc 360
acataatgcc aaatacacaa tgtatttata gcaacgtata atttgcaaag atggacttt 419
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<210> 1773

<211> 172

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(172)

<223> n = A,T,C or G

<400> 1773

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cgngcggtcg cggggggcac cagaggcagt ataccatgcc cncatagatg ccgcggaagg 60
tccctnanac atcccnatt gaaanaacca ttagaggctc tganaaacct acggaaactt 120
agatcatcag gtcaccgaan agtcctacag ggccacaaca tgccccctgc ac 172
```

<210> 1774

<211> 525

<212> DNA

09849626-050304

<213> Homo sapiens

<400> 1774

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ccttcaactct cccctgaggc tgtcctggcc cggactgtgg ggagcacctc cccccccgg 60
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atcctgagtg tcaactactct ctctctccag ggatgccctg gacctaaagt acatcaactc 180
agagcctcct cggggctcct tccccctcct tgagcctcgg aacctcctca gcctgtttga 240
ggacacccta gacccaacct gagccccaga ctctgcctct gcacttttaa ccttttatcc 300
tgtgtctctc ccgtcgccct tgaaagctgg ggcccctcgg gaactcccat ggtcttctct 360
gcctggcgt gtctaataaa aagtatttga accttgggag cacccaagct tgctcatgtg 420
gcaacatggc ctttctgtgt ccctttattg atgtcatcca gggctttaac gccctgagg 480
ctgagccctg ctgcagaacc cacgctcctg gccttggggc agcag 525
```

<210> 1775

<211> 458

<212> DNA

<213> Homo sapiens

<400> 1775

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aaattttcta gtcaaattaa taagcctttg tattatatgc catcctcctt tggaatgata 60
gcggtataat taaaatagaa catttttaac acagaatact tattggtgaa gtggtctctt 120
atgtagtctt cttttgacga gaacgttgag attttogaac ttccagaact ttcttttttt 180
gatgtttttt cccattcttt tgctttttct tttggctgac ctgtttctcc cactttttta 240
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aggattgtag gtggatagtc ccttgggttg tgctgatgca ggaacagcga ccctttctca 420
ctactggggg tccttgcaact ccaatcagaa ccagcaag 458
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<210> 1776

<211> 461

<212> DNA

<213> Homo sapiens

<400> 1776

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aaagtttcac ttccctagca aaatatcttc agtcaagaaa ttagtctttg aaaattatga 60
aaattgttgt gggaaatatt tatacaaatt attactgata atgcacatat attttgaac 120
attgtttcta gaagcaataa aatataacct atttaggaga taacccaaat gatttgtaaa 180
aaaattaact tgtagaaaag ggaaggatgt tgtgtaaaat caagtcaatt atttgagggt 240
tttataatat tgagtactta tgtactaagt cacaccagc cagtcaataa ctgagaaatc 300
aaaataaaat aataatttca aagaattaca taaatacagg gccttttgag atttttggca 360
attgtaaaca aaaacgaatg gtttttaca ttcagtgtaa ttctacgaat atttatttgg 420
cacccatgtt aggcactgag gctacacagc agtgaaatag g 461
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<210> 1777

<211> 368

<212> DNA

<213> Homo sapiens

<400> 1777

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ccaagttctg ctggaggagc actcaagtgt gacgagcagg gccactggac cctgcagggc 60
tgtggtgtat atagtgcagc tttggagggt gaactctatt ttcacacttt tctatggagc 120
cttccagagtc ccaggttttc acttgaggct gtctgtctgg atggcggttt tcagacctcc 180
attaacatcc ctaccagca ttctgtactt cgggggcctt ctctcttgtt ataaaacttt 240
ttaccaagtg aaacatcgat accacctttg tttccattct cactggtgta aatactgagt 300
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09849360304

actaactgag aattttgact ttgcattctg tcggaatact tgtgttcaat aaaaattgaa 360
agaaaaaa 368

<210> 1778
<211> 554
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(554)
<223> n = A,T,C or G

<400> 1778
cagttatgcg aaaacatggc tgcggccggt ttggcccttc tttgtaggag agtttcatcc 60
gccctgaaat cttcccgatc gtttaataact cctcaggtcc ctgcctgcac aggggtttttt 120
cttagtttgt tgcctaagag tacaccaaata gtgacatcct ttcaccaata tagattactt 180
cataccacat tgtcaaggaa aggactagaa naattttttg atgacccaaa aaactggggg 240
caagaaaaag taaaatctgg agcagcatgg acctgtcagc aactaaggaa caaaagtaat 300
gaagatttac acaaaactttg gtatgtctta ctgaaagaaa gaaacatgct tctaacccta 360
gagcaggagg ccaagcggca gagattgcca atgccaaagtc cagagcgggt agatangta 420
gtagattcca tggatgcatt agataaagtg gtccaggga agagaagatg ccctaaggct 480
tcttcagact ggtcaagana gagctagacc tgggtgctntg gagaaagaag acatctttgg 540
aaagaatcat ctgg 554

<210> 1779
<211> 379
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 1779
gtcttggtcg ggcatgacaa ccgcgtcagc tgcctgggag tnactgacga tggcatggct 60
gtggcgacag ggtcctggga tagcttcctc aagatctgga actaacgcca gtagcatgtg 120
gatgccatgg agactggaag accattccaa cttggacgag ttaccatgag agcatatcct 180
atccaaccgt actaacgtgg acaccctaca cctcccctca gaacttcaaa agggcaagat 240
cttttttcct tcaacttattg ctgagaccaa gagcacaatt cccattgaga gaaagatctc 300
tgtgctgtaa actaaaacaa attgtgcatt ccttcggggg ccacgtctct tgtcttcttt 360
ttgtcttga atgaattnt 379

<210> 1780
<211> 222
<212> DNA
<213> Homo sapiens

<400> 1780
ctggtaattg cagaatccac tttgcctgtg taagtgaata atatagactg ttatcttgtt 60
ggccctatga aattctgcac ttttcattat atactctacc ttcattaatt acttctggca 120
agatgttctg ccttagcact cagttgcatt cttttccttt ttcttcctgt tcattatgct 180
ttaattctga ggaccatat agggtagaat atattatctt tt 222

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<210> 1781
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 1781
 ctgctggagc aagccctgcg gaagcacaac gtggctgagc cgtgttccat caaagtcctt 60
 gacaaggcta cggtagcaat aataaagctc acagatcagg agactgaagt gaaagttgac 120
 atcagcttta acatggagac gggcgtccgg gcagcggagt tcatcaagaa ttacatgaag 180
 aaatattcat tgctgcctta cttgatttta gtattgaaac agttccttct gcagaggac 240
 ctgaatgaag tttttacagg tgggaattagc tcatacagcc taattttaat gg 292

<210> 1782
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 1782
 aaaacctgga cttttctgga agggcagcat ataaaaacat cagtcccgag gaggggacaa 60
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 aggtatatgt tntataattc ataaccatag cctcgatcat caagaaatac tttcgaaatt 180
 tcattttcct tcagaatata ttaagagtgc taaattttta actgcctttt tgtcgagtca 240
 aactgtggga ttctgatttg tattaaaatt gtaagctcct cactggtata ctatcatcct 300
 ggaggggtgt tgtatggctg agcaagagag agagagaatg agagagagac tgtgtgtgtg 360
 tgtgtgtgtg tgtgtgtgca c 381

<210> 1783
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 1783
 aaatatctat gtcacagcaa acaggtggca attcaacatc cagggtcgac agaatgcttg 60
 aaggagactg caacagattg gattcccatg gtggagaggg catcttcaca ggtgaagggg 120
 ggcccag 127

<210> 1784
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 1784
 agcccaatgt tcctgttggt atagactatg tgatacctaa aacagggttt tactgtaagc 60
 tgtgttctact cttttatata aatgaagaag ttgcaaagaa tactcattgc agcagccttc 120
 ct cattatca gaaattaaag aaatttctga ataaattggc agaagaacgc agacagaaga 180
 aggaaactta agatgtgcaa ggagatttaa tgatttcaaa gaaaataatg gttctttgtt 240
 tttaattgta acctttttt 259

0849626-050301

<400> 1788
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ggaaacgggg gatccactcc gccatcgatg catcccagac ccccgatgtc gtgttcgcaa 120
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acactgctca tcaccccgcg gcgtgatccc tgctcttagg tgctgggcag aggggaaggg 240
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<210> 1789
<211> 651
<212> DNA
<213> Homo sapiens

<400> 1789
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gattttattg atctaaaatg tgcaaaatat ctgataatac ttaagtttat taaattcatt 180
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caaaacacac atgatctttt aagttattca gggttaatag atttactaag gatagagttc 540
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<210> 1790
<211> 388
<212> DNA
<213> Homo sapiens

<400> 1790
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tcggaaaaaac acacataaat tcaggtaaga ctaaaagctg tctcacaaaa agaaaaaaga 180
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caagatctat cacagccatc ttttgtag 388

<210> 1791
<211> 2442
<212> DNA
<213> Homo sapiens

<400> 1791
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gatcttggtg actatgagga agttctagga aaactaggaa tctatgatgc tgatggtgat 180
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gtggaggcag aaccccagaa tatcgaagat gaagcaaaag aacaaattca gtcccttctc 360
catgaaatgg tacacgcaga acatgttgag ggagaagact tgcaacaaga agatggacct 420

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tgacatgaaa ctgatgaatg agtaaaagta agttttgctg gatttttgta gaactctgga 2400
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<210> 1792

<211> 2279

<212> DNA

<213> Homo sapiens

<400> 1792

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agagatagca agaaaacggc acaaggttat tggcactttt aggagtccct atggccaaac 180
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aacagagcag gcaaatgtgc tactcagttt ccagatgaca tcagatgaac ttccaaaaga 360
aaactggcta aagatgctgt gtcgacatgt agctaacc accattgtaaag cagatgtcga 420
gaatcttatt tatactgctg atccagaatc ctttgaagta aatacaaaaag atatggacag 480
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agtggaggga agaagtcctt ccagcaatga taagcatgta atgagtcgtc tttctagcac 660

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ttcaaatttc	aaaaaagttc	tttccaagtc	atctttgaca	tttgtgaaga	attaggagat	900
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<211> 1904

<212> DNA

<213> Homo sapiens

<400> 1793

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<211> 2881

<212> DNA

<213> Homo sapiens

<400> 1794

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<212> DNA
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<210> 1797

<211> 4600

<212> DNA

<213> Homo sapiens

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<211> 1635

<212> DNA

<213> Homo sapiens

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<210> 1805

<211> 791

<212> DNA

<213> Homo sapiens

<400> 1805

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<210> 1806
 <211> 255
 <212> PRT
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<400> 1806

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Asp Ala Asp Gly Asp Gly Asp Phe Asp Val Asp Asp Ala Lys Val Leu
      35              40              45

Leu Gly Leu Lys Glu Arg Ser Thr Ser Glu Pro Ala Val Pro Pro Glu
      50              55              60

Glu Ala Glu Pro His Thr Glu Pro Glu Glu Gln Val Pro Val Glu Ala
      65              70              75              80

Glu Pro Gln Asn Ile Glu Asp Glu Ala Lys Glu Gln Ile Gln Ser Leu
      85              90              95

Leu His Glu Met Val His Ala Glu His Val Glu Gly Glu Asp Leu Gln
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Gln Glu Asp Gly Pro Thr Gly Glu Pro Gln Gln Glu Asp Asp Glu Phe
      115             120             125

Leu Met Ala Thr Asp Val Asp Asp Arg Phe Glu Thr Leu Glu Leu Glu
      130             135             140

Val Ser His Glu Glu Thr Glu His Ser Tyr His Val Glu Glu Thr Val
      145             150             155             160

Ser Gln Asp Cys Asn Gln Asp Met Glu Glu Met Met Ser Glu Gln Glu
      165             170             175

Asn Pro Asp Ser Ser Glu Pro Val Val Glu Asp Glu Arg Leu His His
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Asp Thr Asp Asp Val Thr Tyr Gln Val Tyr Glu Glu Gln Ala Val Tyr
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Glu Pro Leu Glu Asn Glu Gly Ile Glu Ile Thr Glu Val Thr Val Pro

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210

215

220

Pro Glu Asp Asn Pro Val Glu Asp Ser Gln Val Ile Val Glu Glu Val
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<210> 1807

<211> 226

<212> PRT

<213> Homo sapiens

<400> 1807

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Asp Cys His Asn Ala Phe Ala Leu Leu Val Arg Pro Pro Thr Glu Gln
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Ala Asn Val Leu Leu Ser Phe Gln Met Thr Ser Asp Glu Leu Pro Lys
 35 40 45

Glu Asn Trp Leu Lys Met Leu Cys Arg His Val Ala Asn Thr Ile Cys
 50 55 60

Lys Ala Asp Ala Glu Asn Leu Ile Tyr Thr Ala Asp Pro Glu Ser Phe
 65 70 75 80

Glu Val Asn Thr Lys Asp Met Asp Ser Thr Leu Ser Arg Ala Ser Arg
 85 90 95

Ala Ile Lys Lys Thr Ser Lys Lys Val Thr Arg Ala Phe Ser Phe Ser
 100 105 110

Lys Thr Pro Lys Arg Ala Leu Arg Arg Ala Leu Met Thr Ser His Gly
 115 120 125

Ser Val Glu Gly Arg Ser Pro Ser Ser Asn Asp Lys His Val Met Ser
 130 135 140

Arg Leu Ser Ser Thr Ser Ser Leu Ala Ile Thr His Ser Val Ser Thr
 145 150 155 160

Ser Asn Val Ile Gly Phe Thr Lys His Val Tyr Val Gln Arg Leu Asn
 165 170 175

Ser Thr Gly Gly Arg Ser Gln Tyr Ser Trp Phe Gln Ser Val Arg His
 180 185 190

Ser Ala Phe Arg Ala Ser Phe Ser Glu Ile Leu Glu Gly Asn Thr Asp
 195 200 205

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Phe Ser Asn Phe Lys Lys Val Leu Ser Lys Ser Ser Leu Thr Phe Val
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Lys Asn
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<210> 1808
 <211> 52
 <212> PRT
 <213> Homo sapiens

<400> 1808
 Met Ser Val Phe Val Leu Phe Pro Asp Phe Phe Lys Val Gly Lys Thr
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Thr Tyr Phe Tyr Leu Asp Glu Gly Ser Gly Arg Val Glu Gln Lys Gln
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Ala Ile Thr Ala Ile Ser Ser Ser Phe Thr Gly Asp Cys Pro Leu Ile
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Ala Asn Val Glu
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<210> 1809
 <211> 592
 <212> PRT
 <213> Homo sapiens

<400> 1809
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Thr Asn Gly Arg Leu Met Ala Asn Pro Glu Ala Leu Lys Ile Leu Ser
 20 25 30

Ala Ile Thr Gln Pro Met Val Val Val Ala Ile Val Gly Leu Tyr Arg
 35 40 45

Thr Gly Lys Ser Tyr Leu Met Asn Lys Leu Ala Gly Lys Lys Lys Gly
 50 55 60

Phe Ser Leu Gly Ser Thr Val Gln Ser His Thr Lys Gly Ile Trp Met
 65 70 75 80

Trp Cys Val Pro His Pro Lys Lys Pro Gly His Ile Leu Val Leu Leu
 85 90 95

Asp Thr Glu Gly Leu Gly Asp Val Glu Lys Gly Asp Asn Gln Asn Asp
 100 105 110

Ser Trp Ile Phe Ala Leu Ala Val Leu Leu Ser Ser Thr Phe Val Tyr

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Asn Ser Ile Gly Thr Ile	Asn Gln Gln Ala Met	Asp Gln Leu Tyr Tyr
130	135	140
Val Thr Glu Leu Thr His	Arg Ile Arg Ser Lys	Ser Ser Pro Asp Glu
145	150	155
		160
Asn Glu Asn Glu Val Glu	Asp Ser Ala Asp Phe	Val Ser Phe Phe Pro
165	170	175
Asp Phe Val Trp Thr Leu	Arg Asp Phe Ser Leu	Asp Leu Glu Ala Asp
180	185	190
Gly Gln Pro Leu Thr Pro	Asp Glu Tyr Leu Thr	Tyr Ser Leu Lys Leu
195	200	205
Lys Lys Gly Thr Ser Gln	Lys Asp Glu Thr Phe	Asn Leu Pro Arg Leu
210	215	220
Cys Ile Arg Lys Phe Phe	Pro Lys Lys Lys Cys	Phe Val Phe Asp Arg
225	230	235
		240
Pro Val His Arg Arg Lys	Leu Ala Gln Leu Glu	Lys Leu Gln Asp Glu
245	250	255
Glu Leu Asp Pro Glu Phe	Val Gln Gln Val Ala	Asp Phe Cys Ser Tyr
260	265	270
Ile Phe Ser Asn Ser Lys	Thr Lys Thr Leu Ser	Gly Gly Ile Gln Val
275	280	285
Asn Gly Pro Arg Leu Glu	Ser Leu Val Leu Thr	Tyr Val Asn Ala Ile
290	295	300
Ser Ser Gly Asp Leu Pro	Cys Met Glu Asn Ala	Val Leu Ala Leu Ala
305	310	315
		320
Gln Ile Glu Asn Ser Ala	Ala Val Gln Lys Ala	Ile Ala His Tyr Glu
325	330	335
Gln Gln Met Gly Gln Lys	Val Gln Leu Pro Thr	Glu Ser Leu Gln Glu
340	345	350
Leu Leu Asp Leu His Arg	Asp Ser Glu Arg Glu	Ala Ile Glu Val Phe
355	360	365
Ile Arg Ser Ser Phe Lys	Asp Val Asp His Leu	Phe Gln Lys Glu Leu
370	375	380
Ala Ala Gln Leu Glu Lys	Lys Arg Asp Asp Phe	Cys Lys Gln Asn Gln
385	390	395
		400
Glu Ala Ser Ser Asp Arg	Cys Ser Gly Leu Leu	Gln Val Ile Phe Ser

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405

410

415

Pro Leu Glu Glu Glu Val Lys Ala Gly Ile Tyr Ser Lys Pro Gly Gly
420 425 430

Tyr Arg Leu Phe Val Gln Lys Leu Gln Asp Leu Lys Lys Lys Tyr Tyr
435 440 445

Glu Glu Pro Arg Lys Gly Ile Gln Ala Glu Glu Ile Leu Gln Thr Tyr
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Leu Lys Ser Lys Glu Ser Met Thr Asp Ala Ile Leu Gln Thr Asp Gln
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Thr Leu Thr Glu Lys Glu Lys Glu Ile Glu Val Glu Arg Val Lys Ala
485 490 495

Glu Ser Ala Gln Ala Ser Ala Lys Met Leu Gln Glu Met Gln Arg Lys
500 505 510

Asn Glu Gln Met Met Glu Gln Lys Glu Arg Ser Tyr Gln Glu His Leu
515 520 525

Lys Gln Leu Thr Glu Lys Met Glu Asn Asp Arg Val Gln Leu Leu Lys
530 535 540

Glu Gln Glu Arg Thr Leu Ala Leu Lys Leu Gln Glu Gln Glu Gln Leu
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Leu Lys Glu Gly Phe Gln Lys Glu Ser Arg Ile Met Lys Asn Glu Ile
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Gln Asp Leu Gln Thr Lys Met Arg Arg Arg Lys Ala Cys Thr Ile Ser
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<210> 1810

<211> 57

<212> PRT

<213> Homo sapiens

<400> 1810

Cys Phe Lys Ala Ser Gly Gln Ser Ser Ile Ser Phe Lys Thr Leu Phe
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Phe Leu Lys Ala Tyr Ser Val Trp Leu Ile Leu Leu Pro Phe Leu Gln
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Asp Gly Gly Arg Arg Val Asp Thr Gly Gly Arg Leu Arg Asp Thr Val
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Thr Leu Arg Ser Leu Gln Ile Glu Val
50 55

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<210> 1811
 <211> 148
 <212> PRT
 <213> Homo sapiens

<400> 1811

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Leu Ala Pro Arg Gly Arg Ala Val Pro Leu Pro Ala Gly Gly Gly Thr
 20 25 30

Val Leu Thr Lys Met Tyr Pro Arg Gly Asn His Trp Ala Val Gly His
 35 40 45

Leu Met Gly Lys Lys Ser Thr Gly Glu Ser Ser Ser Val Ser Glu Arg
 50 55 60

Gly Ser Leu Lys Gln Gln Leu Arg Glu Tyr Ile Arg Trp Glu Glu Ala
 65 70 75 80

Ala Arg Asn Leu Leu Gly Leu Ile Glu Ala Lys Glu Asn Arg Asn His
 85 90 95

Gln Pro Pro Gln Pro Lys Ala Leu Gly Asn Gln Gln Pro Ser Trp Asp
 100 105 110

Ser Glu Asp Ser Ser Asn Phe Lys Asp Val Gly Ser Lys Gly Lys Val
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Gly Arg Leu Ser Ala Pro Gly Ser Gln Arg Glu Gly Arg Asn Pro Gln
 130 135 140

Leu Asn Gln Gln
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<210> 1812
 <211> 474
 <212> PRT
 <213> Homo sapiens

<400> 1812

Met Val Gln Gln Thr Asn Asn Ala Glu Asn Thr Glu Ala Leu Leu Ala
 5 10 15

Gly Glu Ser Ser Asp Ser Gly Ala Gly Leu Glu Leu Gly Ile Ala Ser
 20 25 30

Ser Pro Thr Pro Gly Ser Thr Ala Ser Thr Gly Gly Lys Ala Asp Asp
 35 40 45

Pro Ser Trp Cys Lys Thr Pro Ser Gly His Ile Lys Arg Pro Met Asn

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 Ala Phe Met Val Trp Ser Gln Ile Glu Arg Arg Lys Ile Met Glu Gln
 65 70 75 80
 Ser Pro Asp Met His Asn Ala Glu Ile Ser Lys Arg Leu Gly Lys Arg
 85 90 95
 Trp Lys Leu Leu Lys Asp Ser Asp Lys Ile Pro Phe Ile Arg Glu Ala
 100 105 110
 Glu Arg Leu Arg Leu Lys His Met Ala Asp Tyr Pro Asp Tyr Lys Tyr
 115 120 125
 Arg Pro Arg Lys Lys Val Lys Ser Gly Asn Ala Asn Ser Ser Ser Ser
 130 135 140
 Ala Ala Ala Ser Ser Lys Pro Gly Glu Lys Gly Asp Lys Val Gly Gly
 145 150 155 160
 Ser Gly Gly Gly Gly His Gly Gly Gly Gly Gly Gly Gly Ser Ser Asn
 165 170 175
 Ala Gly Gly Gly Gly Gly Gly Ala Ser Gly Gly Gly Ala Asn Ser Lys
 180 185 190
 Pro Ala Gln Lys Lys Ser Cys Gly Ser Lys Val Ala Gly Gly Ala Gly
 195 200 205
 Gly Gly Val Ser Lys Pro His Ala Lys Leu Ile Leu Ala Gly Gly Gly
 210 215 220
 Gly Gly Gly Lys Ala Ala Ala Ala Ala Ala Ser Phe Ala Ala Glu
 225 230 235 240
 Gln Ala Gly Ala Ala Ala Leu Leu Pro Leu Gly Ala Ala Ala Asp His
 245 250 255
 His Ser Leu Tyr Lys Ala Arg Thr Pro Ser Ala Ser Ala Ser Ala Ser
 260 265 270
 Ser Ala Ala Ser Ala Ser Ala Ala Leu Ala Ala Pro Gly Lys His Leu
 275 280 285
 Ala Glu Lys Lys Val Lys Arg Val Tyr Leu Phe Gly Gly Leu Gly Thr
 290 295 300
 Ser Ser Ser Pro Val Gly Gly Val Gly Ala Gly Ala Asp Pro Ser Asp
 305 310 315 320
 Pro Leu Gly Leu Tyr Glu Glu Glu Gly Ala Gly Cys Ser Pro Asp Ala
 325 330 335
 Pro Ser Leu Ser Gly Arg Ser Ser Ala Ala Ser Ser Pro Ala Ala Gly

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340 345 350
 Arg Ser Pro Ala Asp His Arg Gly Tyr Ala Ser Leu Arg Ala Ala Ser
 355 360 365
 Pro Ala Pro Ser Ser Ala Pro Ser His Ala Ser Ser Ser Ala Ser Ser
 370 375 380
 His Ser Ser Ser Ser Ser Ser Ser Gly Ser Ser Ser Ser Asp Asp Glu
 385 390 395 400
 Phe Glu Asp Asp Leu Leu Asp Leu Asn Pro Ser Ser Asn Phe Glu Ser
 405 410 415
 Met Ser Leu Gly Ser Phe Ser Ser Ser Ser Ala Leu Asp Arg Asp Leu
 420 425 430
 Asp Phe Asn Phe Glu Pro Gly Ser Gly Ser His Phe Glu Phe Pro Asp
 435 440 445
 Tyr Cys Thr Pro Glu Val Ser Glu Met Ile Ser Gly Asp Trp Leu Glu
 450 455 460
 Ser Ser Ile Ser Asn Leu Val Phe Thr Tyr
 465 470
 <210> 1813
 <211> 238
 <212> PRT
 <213> Homo sapiens
 <400> 1813
 Met Glu Ser Ser Ala Lys Met Glu Ser Gly Gly Ala Gly Gln Gln Pro
 5 10 15
 Gln Pro Gln Pro Gln Gln Pro Phe Leu Pro Pro Ala Ala Cys Phe Phe
 20 25 30
 Ala Thr Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Gln
 35 40 45
 Ser Ala Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
 50 55 60
 Ala Pro Gln Leu Arg Pro Ala Ala Asp Gly Gln Pro Ser Gly Gly Gly
 65 70 75 80
 His Lys Ser Ala Pro Lys Gln Val Lys Arg Gln Arg Ser Ser Ser Pro
 85 90 95
 Glu Leu Met Arg Cys Lys Arg Arg Leu Asn Phe Ser Gly Phe Gly Tyr
 100 105 110

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Ser Leu Pro Gln Gln Gln Pro Ala Ala Val Ala Arg Arg Asn Glu Arg
115 120 125

Glu Arg Asn Arg Val Lys Leu Val Asn Leu Gly Phe Ala Thr Leu Arg
130 135 140

Glu His Val Pro Asn Gly Ala Ala Asn Lys Lys Met Ser Lys Val Glu
145 150 155 160

Thr Leu Arg Ser Ala Val Glu Tyr Ile Arg Ala Leu Gln Gln Leu Leu
165 170 175

Asp Glu His Asp Ala Val Ser Ala Ala Phe Gln Ala Gly Val Leu Ser
180 185 190

Pro Thr Ile Ser Pro Asn Tyr Ser Asn Asp Leu Asn Ser Met Ala Gly
195 200 205

Ser Pro Val Ser Ser Tyr Ser Ser Asp Glu Gly Ser Tyr Asp Pro Leu
210 215 220

Ser Pro Glu Glu Gln Glu Leu Leu Asp Phe Thr Asn Trp Phe
225 230 235

<210> 1814

<211> 68

<212> PRT

<213> Homo sapiens

<400> 1814

Met Val Tyr Tyr Pro Glu Leu Phe Val Trp Val Ser Gln Glu Pro Phe
5 10 15

Pro Asn Lys Asp Met Glu Gly Arg Leu Pro Lys Gly Arg Leu Pro Val
20 25 30

Pro Lys Glu Val Asn Arg Lys Lys Asn Asp Glu Thr Asn Ala Ala Ser
35 40 45

Leu Thr Pro Leu Gly Ser Ser Glu Leu Arg Ser Pro Arg Ile Ser Tyr
50 55 60

Leu His Phe Phe
65

<210> 1815

<211> 572

<212> PRT

<213> Homo sapiens

<400> 1815

Met Ser Tyr Gln Gly Lys Lys Ser Ile Pro His Ile Thr Ser Asp Arg

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				5				10				15			
Leu	Leu	Ile	Lys	Gly	Gly	Arg	Ile	Ile	Asn	Asp	Asp	Gln	Ser	Leu	Tyr
			20				25						30		
Ala	Asp	Val	Tyr	Leu	Glu	Asp	Gly	Leu	Ile	Lys	Gln	Ile	Gly	Glu	Asn
			35				40				45				
Leu	Ile	Val	Pro	Gly	Gly	Val	Lys	Thr	Ile	Glu	Ala	Asn	Gly	Arg	Met
		50				55					60				
Val	Ile	Pro	Gly	Gly	Ile	Asp	Val	Asn	Thr	Tyr	Leu	Gln	Lys	Pro	Ser
65					70				75			80			
Gln	Gly	Met	Thr	Ala	Ala	Asp	Asp	Phe	Phe	Gln	Gly	Thr	Arg	Ala	Ala
				85					90					95	
Leu	Val	Gly	Gly	Thr	Thr	Met	Ile	Ile	Asp	His	Val	Val	Pro	Glu	Pro
			100					105					110		
Gly	Ser	Ser	Leu	Leu	Thr	Ser	Phe	Glu	Lys	Trp	His	Glu	Ala	Ala	Asp
			115					120					125		
Thr	Lys	Ser	Cys	Cys	Asp	Tyr	Ser	Leu	His	Val	Asp	Ile	Thr	Ser	Trp
		130					135					140			
Tyr	Asp	Gly	Val	Arg	Glu	Glu	Leu	Glu	Val	Leu	Val	Gln	Asp	Lys	Gly
145					150					155			160		
Val	Asn	Ser	Phe	Gln	Val	Tyr	Met	Ala	Tyr	Lys	Asp	Val	Tyr	Gln	Met
			165					170					175		
Ser	Asp	Ser	Gln	Leu	Tyr	Glu	Ala	Phe	Thr	Phe	Leu	Lys	Gly	Leu	Gly
			180					185					190		
Ala	Val	Ile	Leu	Val	His	Ala	Glu	Asn	Gly	Asp	Leu	Ile	Ala	Gln	Glu
		195					200					205			
Gln	Lys	Arg	Ile	Leu	Glu	Met	Gly	Ile	Thr	Gly	Pro	Glu	Gly	His	Ala
		210					215					220			
Leu	Ser	Arg	Pro	Glu	Glu	Leu	Glu	Ala	Glu	Ala	Val	Phe	Arg	Ala	Ile
225					230					235			240		
Thr	Ile	Ala	Gly	Arg	Ile	Asn	Cys	Pro	Val	Tyr	Ile	Thr	Lys	Val	Met
			245					250					255		
Ser	Lys	Ser	Ala	Ala	Asp	Ile	Ile	Ala	Leu	Ala	Arg	Lys	Lys	Gly	Pro
			260					265					270		
Leu	Val	Phe	Gly	Glu	Pro	Ile	Ala	Ala	Ser	Leu	Gly	Thr	Asp	Gly	Thr
		275					280					285			
His	Tyr	Trp	Ser	Lys	Asn	Trp	Ala	Lys	Ala	Ala	Ala	Phe	Val	Thr	Ser

290 295 300
 Pro Pro Leu Ser Pro Asp Pro Thr Thr Pro Asp Tyr Leu Thr Ser Leu
 305 310 315 320
 Leu Ala Cys Gly Asp Leu Gln Val Thr Gly Ser Gly His Cys Pro Tyr
 325 330 335
 Ser Thr Ala Gln Lys Ala Val Gly Lys Asp Asn Phe Thr Leu Ile Pro
 340 345 350
 Glu Gly Val Asn Gly Ile Glu Glu Arg Met Thr Val Val Trp Asp Lys
 355 360 365
 Ala Val Ala Thr Gly Lys Met Asp Glu Asn Gln Phe Val Ala Val Thr
 370 375 380
 Ser Thr Asn Ala Ala Lys Ile Phe Asn Leu Tyr Pro Arg Lys Gly Arg
 385 390 395 400
 Ile Ala Val Gly Ser Asp Ala Asp Val Val Ile Trp Asp Pro Asp Lys
 405 410 415
 Leu Lys Thr Ile Thr Ala Lys Ser His Lys Ser Ala Val Glu Tyr Asn
 420 425 430
 Ile Phe Glu Gly Met Glu Cys His Gly Ser Pro Leu Val Val Ile Ser
 435 440 445
 Gln Gly Lys Ile Val Phe Glu Asp Gly Asn Ile Asn Val Asn Lys Gly
 450 455 460
 Met Gly Arg Phe Ile Pro Arg Lys Ala Phe Pro Glu His Leu Tyr Gln
 465 470 475 480
 Arg Val Lys Ile Arg Asn Lys Val Phe Gly Leu Gln Gly Val Ser Arg
 485 490 495
 Gly Met Tyr Asp Gly Pro Val Tyr Glu Val Pro Ala Thr Pro Lys Tyr
 500 505 510
 Ala Thr Pro Ala Pro Ser Ala Lys Ser Ser Pro Ser Lys His Gln Pro
 515 520 525
 Pro Pro Ile Arg Asn Leu His Gln Ser Asn Phe Ser Leu Ser Gly Ala
 530 535 540
 Gln Ile Asp Asp Asn Asn Pro Arg Arg Thr Gly His Arg Ile Val Ala
 545 550 555 560
 Pro Pro Gly Gly Arg Ser Asn Ile Thr Ser Leu Gly
 565 570

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<400> 1816

Met Thr Glu Arg Arg Arg Asp Glu Leu Ser Glu Glu Ile Asn Asn Leu
5 10 15

Arg Glu Lys Val Met Lys Gln Ser Glu Glu Asn Asn Asn Leu Gln Ser
20 25 30

Gln Val Gln Lys Leu Thr Glu Glu Asn Thr Thr Leu Arg Glu Gln Val
35 40 45

Glu Pro Thr Pro Glu Asp Glu Asp Asp Asp Ile Glu Leu Arg Gly Ala
50 55 60

Ala Ala Ala Ala Ala Pro Pro Pro Pro Ile Glu Glu Glu Cys Pro Glu
65 70 75 80

Asp Leu Pro Glu Lys Phe Asp Gly Asn Pro Asp Met Leu Ala Pro Phe
85 90 95

Met Ala Gln Cys Gln Ile Phe Met Glu Lys Ser Thr Arg Asp Phe Ser
100 105 110

Val Asp Arg Val Arg Val Cys Phe Val Thr Ser Met Met Thr Gly Arg
115 120 125

Ala Ala Arg Trp Ala Ser Ala Lys Leu Glu Arg Ser His Tyr Leu Met
130 135 140

His Asn Tyr Pro Ala Phe Met Met Glu Met Lys His Val Phe Glu Asp
145 150 155 160

Pro Gln Arg Arg Glu Val Ala Lys Arg Lys Ile Arg Arg Leu Arg Gln
165 170 175

Gly Met Gly Ser Val Ile Asp Tyr Ser Asn Ala Phe Gln Met Ile Ala
180 185 190

Gln Asp Leu Asp Trp Asn Glu Pro Ala Leu Ile Asp Gln Tyr His Glu
195 200 205

Gly Leu Ser Asp His Ile Gln Glu Glu Leu Ser His Leu Glu Val Ala
210 215 220

Lys Ser Leu Ser Ala Leu Ile Gly Gln Cys Ile His Ile Glu Arg Arg
225 230 235 240

Leu Ala Arg Ala Ala Ala Ala Arg Lys Pro Arg Ser Pro Pro Arg Ala
245 250 255

Gln Asn Val Tyr Thr Pro Val Asp Glu His Val Tyr Pro Asp His Arg
165 170 175

Leu Val Asp Pro His Ile Glu Met Ile Pro Gly Ala His Ser Ile Pro
180 185 190

Ser Gly His Val Tyr Ser Leu Ser Glu Pro Glu Met Ala Ala Leu Arg
195 200 205

Asp Phe Val Ala Arg Asn Val Lys Asp Gly Leu Ile Thr Pro Thr Ile
210 215 220

Ala Pro Asn Gly Ala Gln Val Leu Gln Val Lys Arg Gly Trp Lys Leu
225 230 235 240

Gln Val Ser Tyr Asp Cys Arg Ala Pro Asn Asn Phe Thr Ile Gln Asn
245 250 255

Gln Tyr Pro Arg Leu Ser Ile Pro Asn Leu Glu Asp Gln Ala His Leu
260 265 270

Ala Thr Tyr Thr Glu Phe Val Pro Gln Ile Pro Gly Tyr Gln Thr Tyr
275 280 285

Pro Thr Tyr Ala Ala Tyr Pro Thr Tyr Pro Val Gly Phe Ala Trp Tyr
290 295 300

Pro Val Gly Arg Asp Gly Gln Gly Arg Ser Leu Tyr Val Pro Val Met
305 310 315 320

Ile Thr Trp Asn Pro His Trp Tyr Arg Gln Pro Pro Val Pro Gln Tyr
325 330 335

Pro Pro Pro Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro
340 345 350

Ser Tyr Ser Thr Leu
355

<210> 1818

<211> 102

<212> PRT

<213> Homo sapiens

<400> 1818

Met Ser Thr Gly Asn Thr Val Cys Ser Arg Tyr His Phe Tyr Val Arg
5 10 15

Val Asn Gln Ala Val Ile Trp Val Asp Val Leu Ile Tyr Trp Ser Val
20 25 30

His Ile Leu Asp Ile Val Ile Pro His Trp Leu Val Asn Ser Val Ser
35 40 45

Ile Tyr Trp Ile Ile Glu Trp Arg Leu Trp Cys Trp Trp Trp Glu Arg

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50 55 60

Trp Trp Tyr Trp Arg Ile His Pro Ala Val Val Ala Ala Val Phe Arg
65 70 75 80

Ile Lys Asp Asp Arg Ser Ser Ala Pro Cys Asp Ile Gly Ile Met Cys
 85 90 95

Ala Gln Pro Ala Asn Pro
 100

<210> 1819
<211> 831
<212> PRT
<213> Homo sapiens

<400> 1819
Met Glu Arg Ala Gly Ala Thr Ser Arg Gly Gly Gln Ala Pro Gly Phe
 5 10 15

Leu Leu Arg Leu His Thr Glu Gly Arg Ala Glu Ala Ala Arg Val Gln
 20 25 30

Glu Gln Asp Leu Arg Gln Trp Gly Leu Thr Gly Ile His Leu Arg Ser
 35 40 45

Tyr Gln Leu Glu Gly Val Asn Trp Leu Ala Gln Arg Phe His Cys Gln
 50 55 60

Asn Gly Cys Ile Leu Gly Asp Glu Met Gly Leu Gly Lys Thr Cys Gln
65 70 75 80

Thr Ile Ala Leu Phe Ile Tyr Leu Ala Gly Arg Leu Asn Asp Glu Gly
 85 90 95

Pro Phe Leu Ile Leu Cys Pro Leu Ser Val Leu Ser Asn Trp Lys Glu
 100 105 110

Glu Met Gln Arg Phe Ala Pro Gly Leu Ser Cys Val Thr Tyr Ala Gly
 115 120 125

Asp Lys Glu Glu Arg Ala Cys Leu Gln Gln Asp Leu Lys Gln Glu Ser
130 135 140

Arg Phe His Val Leu Leu Thr Thr Tyr Glu Ile Cys Leu Lys Asp Ala
145 150 155 160

Ser Phe Leu Lys Ser Phe Pro Trp Ser Val Leu Val Val Asp Glu Ala
 165 170 175

His Arg Leu Lys Asn Gln Ser Ser Leu Leu His Lys Thr Leu Ser Glu
 180 185 190

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Phe Ser Val Val Phe Ser Leu Leu Leu Thr Gly Thr Pro Ile Gln Asn
195 200 205

Ser Leu Gln Glu Leu Tyr Ser Leu Leu Ser Phe Val Glu Pro Asp Leu
210 215 220

Phe Ser Lys Glu Glu Val Gly Asp Phe Ile Gln Arg Tyr Gln Asp Ile
225 230 235 240

Glu Lys Glu Ser Glu Ser Ala Ser Glu Leu His Lys Leu Leu Gln Pro
245 250 255

Phe Leu Leu Arg Arg Val Lys Ala Glu Val Ala Thr Glu Leu Pro Lys
260 265 270

Lys Thr Glu Val Val Ile Tyr His Gly Met Ser Ala Leu Gln Lys Lys
275 280 285

Tyr Tyr Lys Ala Ile Leu Met Lys Asp Leu Asp Ala Phe Glu Asn Glu
290 295 300

Thr Ala Lys Lys Val Lys Leu Gln Asn Ile Leu Ser Gln Leu Arg Lys
305 310 315 320

Cys Val Asp His Pro Tyr Leu Phe Asp Gly Val Glu Pro Glu Pro Phe
325 330 335

Glu Val Gly Asp His Leu Thr Glu Ala Ser Gly Lys Leu His Leu Leu
340 345 350

Asp Lys Leu Leu Ala Phe Leu Tyr Ser Gly Gly His Arg Val Leu Leu
355 360 365

Phe Ser Gln Met Thr Gln Met Leu Asp Ile Leu Gln Asp Tyr Met Asp
370 375 380

Tyr Arg Gly Tyr Ser Tyr Glu Arg Val Asp Gly Ser Val Arg Gly Glu
385 390 395 400

Glu Arg His Leu Ala Ile Lys Asn Phe Gly Gln Gln Pro Ile Phe Val
405 410 415

Phe Leu Leu Ser Thr Arg Ala Gly Gly Val Gly Met Asn Leu Thr Ala
420 425 430

Ala Asp Thr Val Ile Phe Val Asp Ser Asp Phe Asn Pro Gln Asn Asp
435 440 445

Leu Gln Ala Ala Ala Arg Ala His Arg Ile Gly Gln Asn Lys Ser Val
450 455 460

Lys Val Ile Arg Leu Ile Gly Arg Asp Thr Val Glu Glu Ile Val Tyr
465 470 475 480

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Arg Lys Ala Ala Ser Lys Leu Gln Leu Thr Asn Met Ile Ile Glu Gly
 485 490 495
 Gly His Phe Thr Leu Gly Ala Gln Lys Pro Ala Ala Asp Ala Asp Leu
 500 505 510
 Gln Leu Ser Glu Ile Leu Lys Phe Gly Leu Asp Lys Leu Leu Ala Ser
 515 520 525
 Glu Gly Ser Thr Met Asp Glu Ile Asp Leu Glu Ser Ile Leu Gly Glu
 530 535 540
 Thr Lys Asp Gly Gln Trp Val Ser Asp Ala Leu Pro Ala Ala Glu Gly
 545 550 555 560
 Gly Ser Arg Asp Gln Glu Glu Gly Lys Asn His Met Tyr Leu Phe Glu
 565 570 575
 Gly Lys Asp Tyr Ser Lys Glu Pro Ser Lys Glu Asp Arg Lys Ser Phe
 580 585 590
 Glu Gln Leu Val Asn Leu Gln Lys Thr Leu Leu Glu Lys Ala Ser Gln
 595 600 605
 Glu Gly Arg Ser Leu Arg Asn Lys Gly Ser Val Leu Ile Pro Gly Leu
 610 615 620
 Val Glu Gly Ser Thr Lys Arg Lys Arg Val Leu Ser Pro Glu Glu Leu
 625 630 635 640
 Glu Asp Arg Gln Lys Lys Arg Gln Glu Ala Ala Ala Lys Arg Arg Arg
 645 650 655
 Leu Ile Glu Glu Lys Lys Arg Gln Lys Glu Glu Ala Glu His Lys Lys
 660 665 670
 Lys Val Ala Trp Trp Glu Ser Asn Asn Tyr Gln Ser Phe Cys Leu Pro
 675 680 685
 Ser Glu Glu Ser Glu Pro Glu Asp Leu Glu Asn Gly Glu Glu Ser Ser
 690 695 700
 Ala Glu Leu Asp Tyr Gln Asp Pro Asp Ala Thr Ser Leu Lys Tyr Val
 705 710 715 720
 Ser Gly Asp Val Thr His Pro Gln Ala Gly Ala Glu Asp Ala Leu Ile
 725 730 735
 Val His Cys Val Asp Asp Ser Gly His Trp Gly Arg Gly Gly Leu Phe
 740 745 750
 Thr Ala Leu Glu Lys Arg Ser Ala Glu Pro Arg Lys Ile Tyr Glu Leu
 755 760 765

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Ala Gly Lys Met Lys Asp Leu Ser Leu Gly Gly Val Leu Leu Phe Pro
770 775 780

Val Asp Asp Lys Glu Ser Arg Asn Lys Gly Gln Asp Leu Leu Ala Leu
785 790 795 800

Ile Val Ala Gln His Arg Asp Arg Ser Asn Val Leu Ser Gly Ile Lys
805 810 815

Met Ala Ala Leu Glu Glu Gly Leu Lys Lys Ile Phe Leu Ala Ala
820 825 830

<210> 1820

<211> 212

<212> PRT

<213> Homo sapiens

<400> 1820

Met Leu Asn Lys Val Leu Ser Arg Leu Gly Val Ala Gly Gln Trp Arg
5 10 15

Phe Val Asp Val Leu Gly Leu Glu Glu Glu Ser Leu Gly Ser Val Pro
20 25 30

Ala Pro Ala Cys Ala Leu Leu Leu Leu Phe Pro Leu Thr Ala Gln His
35 40 45

Glu Asn Phe Arg Lys Lys Gln Ile Glu Glu Leu Lys Gly Gln Glu Val
50 55 60

Ser Pro Lys Val Tyr Phe Met Lys Gln Thr Ile Gly Asn Ser Cys Gly
65 70 75 80

Thr Ile Gly Leu Ile His Ala Val Ala Asn Asn Gln Asp Lys Leu Gly
85 90 95

Phe Glu Asp Gly Ser Val Leu Lys Gln Phe Leu Ser Glu Thr Glu Lys
100 105 110

Met Ser Pro Glu Asp Arg Ala Lys Cys Phe Glu Lys Asn Glu Ala Ile
115 120 125

Gln Ala Ala His Asp Ala Val Ala Gln Glu Gly Gln Cys Arg Val Asp
130 135 140

Asp Lys Val Asn Phe His Phe Ile Leu Phe Asn Asn Val Asp Gly His
145 150 155 160

Leu Tyr Glu Leu Asp Gly Arg Met Pro Phe Pro Val Asn His Gly Ala
165 170 175

Ser Ser Glu Asp Thr Leu Leu Lys Asp Ala Ala Lys Val Cys Arg Glu
180 185 190

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Lys Asp Ile Val Leu Val Ala Tyr Ser Ala Leu Gly Ser His Arg Glu

210 215 220

Glu Pro Trp Val Asp Pro Asn Ser Pro Val Leu Leu Glu Asp Pro Val
225 230 235 240

Leu Cys Ala Leu Ala Lys Lys His Lys Arg Thr Pro Ala Leu Ile Ala
245 250 255

Leu Arg Tyr Gln Leu Gln Arg Gly Val Val Val Leu Ala Lys Ser Tyr
260 265 270

Asn Glu Gln Arg Ile Arg Gln Asn Val Gln Val Phe Glu Phe Gln Leu
275 280 285

Thr Ser Glu Glu Met Lys Ala Ile Asp Gly Leu Asn Arg Asn Val Arg
290 295 300

Tyr Leu Thr Leu Asp Ile Phe Ala Gly Pro Pro Asn Tyr Pro Ile Ser
305 310 315 320

Asp Glu Tyr

<210> 1822
<211> 141
<212> PRT
<213> Homo sapiens

<400> 1822

Met Gly Phe Gln Lys Phe Ser Pro Phe Leu Ala Leu Ser Ile Leu Val
5 10 15

Leu Leu Gln Ala Gly Ser Leu His Ala Ala Pro Phe Arg Ser Ala Leu
20 25 30

Glu Ser Ser Pro Ala Asp Pro Ala Thr Leu Ser Glu Asp Glu Ala Arg
35 40 45

Leu Leu Leu Ala Ala Leu Val Gln Asp Tyr Val Gln Met Lys Ala Ser
50 55 60

Glu Leu Glu Gln Glu Gln Glu Arg Glu Gly Ser Ser Leu Asp Ser Pro
65 70 75 80

Arg Ser Lys Arg Cys Gly Asn Leu Ser Thr Cys Met Leu Gly Thr Tyr
85 90 95

Thr Gln Asp Phe Asn Lys Phe His Thr Phe Pro Gln Thr Ala Ile Gly
100 105 110

Val Gly Ala Pro Gly Lys Lys Arg Asp Met Ser Ser Asp Leu Glu Arg
115 120 125

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Asp His Arg Pro His Val Ser Met Pro Gln Asn Ala Asn
 130 135 140

<210> 1823
 <211> 6188
 <212> DNA
 <213> Homo sapiens

<400> 1823

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 gtcggaggag aacaacaacc tgcagagcca ggtgcagaag ctacagagg agaaccacc 180
 ccttcgagag caagtggaa caccacctga ggatgaggat gatgacatcg agtccgcgg 240
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tottcaaact	ccattttccat	ggttctgtta	atttctcaagg	agcagcaact	cgactgggtc	2820
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gaaagcaact	caaaggactc	aaagcaacgg	acaacacaag	agttgtcttc	agcccagtga	3600
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<210> 1824
 <211> 866
 <212> DNA
 <213> Homo sapiens

<400> 1824
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 cagaccctgg atgtgaaatg tgactacacg ctagagaagt ttgccagcag ccagaaagct 180
 tggcagataa taagggacgg agagatgccc aagaccctgg catgcacaga gaggccttca 240
 aagaattccc atccagtcca agtggggagg atcatactag aagactacca tgatcatggt 300
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 aagggttttt cagggacccc tggtccaat gagaattcta cccagaatgt gtataagatt 480
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<210> 1825
 <211> 234
 <212> PRT
 <213> Homo sapiens

<400> 1825
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 Glu Leu Arg Ala Ala Thr Lys Leu Thr Glu Glu Lys Tyr Glu Leu Lys
 20 25 30
 Glu Gly Gln Thr Leu Asp Val Lys Cys Asp Tyr Thr Leu Glu Lys Phe
 35 40 45
 Ala Ser Ser Gln Lys Ala Trp Gln Ile Ile Arg Asp Gly Glu Met Pro
 50 55 60
 Lys Thr Leu Ala Cys Thr Glu Arg Pro Ser Lys Asn Ser His Pro Val
 65 70 75 80
 Gln Val Gly Arg Ile Ile Leu Glu Asp Tyr His Asp His Gly Leu Leu

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85

90

95

Arg Val Arg Met Val Asn Leu Gln Val Glu Asp Ser Gly Leu Tyr Gln
100 105 110

Cys Val Ile Tyr Gln Pro Pro Lys Glu Pro His Met Leu Phe Asp Arg
115 120 125

Ile Arg Leu Val Val Thr Lys Gly Phe Ser Gly Thr Pro Gly Ser Asn
130 135 140

Glu Asn Ser Thr Gln Asn Val Tyr Lys Ile Pro Pro Thr Thr Thr Lys
145 150 155 160

Ala Leu Cys Pro Leu Tyr Thr Ser Pro Arg Thr Val Thr Gln Ala Pro
165 170 175

Pro Lys Ser Thr Ala Asp Val Ser Thr Pro Asp Ser Glu Ile Asn Leu
180 185 190

Thr Asn Val Thr Asp Ile Ile Arg Val Pro Val Phe Asn Ile Val Ile
195 200 205

Leu Leu Ala Gly Gly Phe Leu Ser Lys Ser Leu Val Phe Ser Val Leu
210 215 220

Phe Ala Val Thr Leu Arg Ser Phe Val Pro
225 230

<210> 1826
<211> 192
<212> DNA
<213> Homo sapiens

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agaagcacct ggaaccccga cagaagattc tggactcccc agacgggacc aggagaggga 180
cggcatgagc ga 192

<210> 1827
<211> 288
<212> DNA
<213> Homo sapiens

<400> 1827
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aggatacagc tgagatccca gtgcgcgaca tggaaaggta tctgcaagag ctgcatcagt 180
caaacaccgg ggataaatct ggatttgggt tccggcgtca aggtgaagat aatacctaaa 240
gaggaacact gtaaaatgcc agaagcaggt gaagagcaac cacaagtt 288

<210> 1828

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<211> 141
 <212> DNA
 <213> Homo sapiens

<400> 1828
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 aagaagaacc agcagctgaa agtcgggata ctacacctgg gcagcagaca gaagaagatc 120
 aggatacagc tgagatccca g 141

<210> 1829
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 1829
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 accggggata aatctggatt tgggttccgg cgtcaagggtg aagataatac c 111

<210> 1830
 <211> 64
 <212> PRT
 <213> Homo sapiens

<400> 1830
 Met Arg Cys His Ala His Gly Pro Ser Cys Leu Val Thr Ala Ile Thr
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 20 25 30
 Cys Cys Trp Gly Tyr Pro Ser Pro Arg Ser Thr Trp Asn Pro Asp Arg
 35 40 45
 Arg Phe Trp Thr Pro Gln Thr Gly Pro Gly Glu Gly Arg His Glu Arg
 50 55 60

<210> 1831
 <211> 96
 <212> PRT
 <213> Homo sapiens

<400> 1831
 His Thr Gln Thr Gln Asn His Thr Ala Ser Pro Arg Ser Pro Val Met
 5 10 15
 Glu Ser Pro Lys Lys Lys Asn Gln Gln Leu Lys Val Gly Ile Leu His
 20 25 30
 Leu Gly Ser Arg Gln Lys Lys Ile Arg Ile Gln Leu Arg Ser Gln Cys
 35 40 45
 Ala Thr Trp Lys Val Ile Cys Lys Ser Cys Ile Ser Gln Thr Pro Gly
 50 55 60

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Ile Asn Leu Asp Leu Gly Ser Gly Val Lys Val Lys Ile Ile Pro Lys
65 70 75 80

Glu Glu His Cys Lys Met Pro Glu Ala Gly Glu Glu Gln Pro Gln Val
85 90 95

<210> 1832
<211> 47
<212> PRT
<213> Homo sapiens

<400> 1832
His Thr Gln Thr Gln Asn His Thr Ala Ser Pro Arg Ser Pro Val Met
5 10 15

Glu Ser Pro Lys Lys Lys Asn Gln Gln Leu Lys Val Gly Ile Leu His
20 25 30

Leu Gly Ser Arg Gln Lys Lys Ile Arg Ile Gln Leu Arg Ser Gln
35 40 45

<210> 1833
<211> 37
<212> PRT
<213> Homo sapiens

<400> 1833
Val Leu Gly Arg Glu Met Arg Asp Met Glu Gly Asp Leu Gln Glu Leu
5 10 15

His Gln Ser Asn Thr Gly Asp Lys Ser Gly Phe Gly Phe Arg Arg Gln
20 25 30

Gly Glu Asp Asn Thr
35

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T0E050" 92964860

FOUO 92061860